

By **GORDON LILICO, M.B., Ch.B., D.P.H.**

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GORDON LILICO.

Area of Borough	...	...	...	...	...	8,133 Acres.
Elevation above sea level—	...	...	...	highest, Burton Road ...	325 ft.	
			lowest, Alvaston Ward...	126 ft.		
			Market Place ...	157 ft.		
Number of Houses (1931 Census)	...	...	...	...	34,875	
„ Inhabited Houses at end of 1941 (according to Rate Books)	...	...	...	...	38,300	
No. of Uninhabited Houses at end of 1941 (according to Rate Books, incl. prop. scheduled for demolition)	...	...	...	...	277	

Number of Families or separate Occupiers (Census 1931) ...	...	35,949
Number of persons per acre at Census, 1921...	...	24.6
Number of persons per House at Census, 1921 ...	...	20.0
Number of persons per House at Census, 1931 ...	...	4.55
Rateable Value of the Borough (General Rate) ...	...	£1,031,549
Estimated amount realised by a Penny Rate ...	...	£4,230

### 1941.

						Rate per thousand population.			
Marriages	...	...	...	...	1,379	...	...	...	21.23
			Total.	Males.	Females.				
Live Births,	legitimate	1,818	914	904	}	For Infantile and Maternal Mortality Rates.			
	Illegitimate	103	50	53					
	Total	1,921	964	957					
	legitimate	1,835	923	912					
	illegitimate	104	51	53					
	Total	1,939	974	965		For Birth Rate.			
Still Births	...	...	54	31	23	Birth rate ... 14.93			
						Rate per 1,000 total births... 27.8			
Births (notified)	...	1,882	—	—					
Deaths	...	1,642	846	796		Death rate ... 12.6			
Percentage of Total Deaths occurring in Public Institutions						...	...	...	49.63
Excess of Births registered over Deaths						...	...	...	297
Deaths from Puerperal Causes—						Rate per 1,000 total (live and still) births.			
					Deaths.				
	Puerperal Sepsis	...	...	1	...	...	...	...	0.5
	Other Puerperal Causes	...	...	6	...	...	...	...	3.04
				—					—
	Total	...	...	...	7	...	...	...	3.54
Deaths of Infants under one year of age—									
Legitimate, 110.			Illegitimate, 5.			Total, 115.			
Death Rate of infants under one year of age per 1,000 live births—									
Legitimate, 60.5.			Illegitimate, 48.5.			Total, 59.9.			
Deaths from Measles (all ages)	...	...	...	...	...	...	...	...	3
„ Whooping Cough (all ages)	...	...	...	...	...	...	...	...	12
„ Diarrhoea (under 2 years of age)	...	...	...	...	...	...	...	...	18

### BIRTHS.

Birth-rate, 1941 ...	...	14.93
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The Births registered during the year numbered 1,939, as compared with 1,964 in 1940.

### DEATHS.

						Rate per 1,000 population.
Zymotic Diseases ...	...	...	...	...	43	0.33
Tuberculosis of Respiratory System ...	...	...	...	...	86	0.66
Other Tuberculous Diseases ...	...	...	...	...	13	0.1
Respiratory Diseases ...	...	...	...	...	205	1.57

### DEATH RATES :—

						Rate per 1,000 population.
England and Wales ...	...	...	...	...	...	12.9
126 County Boroughs and great towns (including London) ...	...	...	...	...	...	14.9
148 smaller towns (Resident Populations, 25,000—50,000 at Census, 1931) ...	...	...	...	...	...	13.0
London Administrative County ...	...	...	...	...	...	16.3

**Burials.**—The total burials in the Derby Cemeteries for the year 1941 was 1,761, 1,667 ordinary burials and 94 still-born.

**Inquests held during 1941.**—These numbered 149—106 males and 43 females.

**Mortuary.**—Dead bodies received during the year, 127. Post mortem examinations, 261.

**Causes of, and Ages at Death, during 1941.**

CAUSES OF DEATH.	DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.												TOTAL DEATHS IN PUBLIC INSTITUTIONS.		
	All Ages.	Under 1 year	1 & under 5 yrs.	5 & under 10 yrs.	10 & under 15 yrs.	15 & under 20 yrs.	20 & under 35 yrs.	35 & under 45 yrs.	45 & under 55 yrs.	55 & under 65 yrs.	65 & under 75 yrs.	75 & over.	Residents.	Non-Residents.	Non-Civilians.
Typhoid and Paratyphoid Fevers .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Cerebro-Spinal Fever .. ..	6	2	2	..	..	..	..	1	..	..	..	1	5	7	1
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Whooping Cough .. ..	12	4	8	..	..	..	..	..	..	..	..	..	11	..	..
Diphtheria .. ..	10	..	3	5	2	..	..	..	..	..	..	..	10	1	..
Tuberculosis of Respiratory System .. ..	86	..	1	..	..	7	30	15	16	12	5	..	49	1	1
Other Forms of Tuberculosis .. ..	13	1	4	..	..	1	4	1	1	..	..	1	11	13	..
Syphilitic Diseases .. ..	16	3	..	..	..	..	..	..	2	9	1	1	11	1	..
Influenza .. ..	16	1	..	1	..	..	1	1	2	3	5	2	4	3	..
Measles .. ..	3	1	2	..	..	..	..	..	..	..	..	..	1	..	..
Acute Polio & Polio Encephalitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Infectious Encephalitis .. ..	5	..	..	..	..	..	2	..	1	1	1	..	4	..	..
Cancer of Buccal Cavity .. ..	13	..	..	..	..	..	..	..	1	1	8	3	5	2	..
Cancer of Uterus .. ..	13	..	..	..	..	..	1	2	4	3	2	1	7	5	..
Cancer of Stomach and Duodenum .. ..	36	..	..	..	..	..	1	..	6	8	16	5	13	7	..
Cancer of Breast .. ..	20	..	..	..	..	..	..	1	7	7	2	3	3	1	..
Cancer of All Other Sites .. ..	115	..	1	..	..	1	..	7	9	29	47	21	59	43	1
Diabetes .. ..	10	..	..	..	..	..	..	2	..	2	4	2	9	4	..
Intra-Cranial Vascular Lesions .. ..	140	..	..	1	..	..	1	4	11	22	59	42	44	12	1
Heart Disease .. ..	427	..	..	..	..	1	3	9	33	68	131	182	182	30	3
Other Diseases of Circulatory System .. ..	50	..	..	..	..	..	1	..	4	4	13	28	25	5	..
Bronchitis .. ..	123	3	..	1	..	..	2	2	11	25	29	50	41	5	..
Pneumonia .. ..	67	19	6	..	..	1	3	4	10	10	9	5	24	14	..
Other Respiratory Diseases .. ..	15	1	..	..	..	..	2	1	1	6	3	1	5	5	1
Ulcer of Stomach and Duodenum .. ..	23	..	..	..	..	..	2	1	7	8	4	1	17	14	..
Diarrhoea .. ..	21	18	..	1	..	..	..	1	..	1	..	..	16	13	..
Appendicitis .. ..	9	..	..	..	..	..	2	..	1	2	4	..	9	6	..
Other Digestive Diseases .. ..	38	..	3	..	1	..	1	..	4	10	12	7	29	31	3
Nephritis .. ..	53	..	1	..	1	1	5	5	6	10	13	11	25	15	..
Puerperal and Post Abortive Sepsis .. ..	1	..	..	..	..	..	..	1	..	..	..	..	1	1	..
Other Maternity Causes .. ..	6	..	..	..	..	..	4	2	..	..	..	..	6	6	..
Premature Birth .. ..	26	26	..	..	..	..	..	..	..	..	..	..	18	17	..
Congenital Malformation, Birth Injury, etc. .. ..	31	26	2	1	1	..	..	..	1	..	..	..	19	26	..
Suicide .. ..	18	..	..	..	..	1	..	3	4	6	4	..	5	2	2
Road Traffic Accidents .. ..	19	..	1	3	1	..	4	1	2	4	3	..	16	18	11
Other Violent Causes .. ..	53	4	6	4	..	3	8	6	2	7	7	6	38	19	5
All Other Causes .. ..	148	6	6	..	2	..	10	12	8	22	27	55	93	77	1
<b>Totals .. ..</b>	<b>1642</b>	<b>115</b>	<b>46</b>	<b>17</b>	<b>8</b>	<b>16</b>	<b>87</b>	<b>82</b>	<b>154</b>	<b>280</b>	<b>409</b>	<b>428</b>	<b>815</b>	<b>406</b>	<b>30</b>



# CAUSES OF DEATHS AND WARD DISTRIBUTION, 1941.

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Causes of Death.	DEATHS IN OR BELONGING TO LOCALITIES (AT ALL AGES).																	Non-Civilians.
	Total.	Abbey.	Alvaston.	Arbor.	Bab.	Becket.	Bridge.	Castle.	Dale.	Derwent.	R. Gate.	K. Mead.	Litch.	Norman.	Osmas.	Pear Tree.	Rowditch.	
Typhoid and Paratyphoid Fevers	6	2	..	..	1	1	..	..	..	1	..	..	..	1	..	..	..	1
Cerebro-Spinal Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
Scarlet Fever	12	..	..	..	1	1	..	2	..	1	..	1	3	..	1	..	1	1
Whooping Cough	10	..	..	..	8	6	4	1	2	2	1	2	7	1	3	7	4	..
Diphtheria...	86	10	4	1	..	1	4	4	2	6	4	5	7	3	11	1	2	13
Tuberculosis of Respiratory System	13	..	2	..	..	1	1	1	1	1	2	1	1	1	2	1	..	2
Other Forms of Tuberculosis	16	3	1	1	1	3	1	1	1	2	2	2	1	..	2	1	..	4
Syphilitic Diseases	16	3	1	2	1	..	1	1	1	1	..	..	2	1	..	1	..	..
Influenza	3	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Acute Polio and Polio Encephalitis	..	..	..	..	..	..	..	..	..	2	1	..	1	..	1	..	..	..
Acute Infectious Encephalitis	13	..	1	1	..	1	..	1	1	2	1	..	1	1	..	2	1	2
Cancer of Buccal Cavity	13	1	..	1	1	..	1	2	..	1	1	3	..	..	..	..	5	7
Cancer of Uterus	36	3	2	3	2	..	1	2	3	6	3	2	2	1	1	..	1	1
Cancer of Stomach and Duodenum	20	1	1	2	1	..	1	1	5	1	2	1	..	2	2	..	1	1
Cancer of Breast	115	10	5	9	13	4	8	5	7	9	6	10	3	8	6	5	7	44
Cancer of All Other Sites	10	2	2	..	..	1	7	1	..	1	1	..	..	..	1	..	1	5
Diabetes	140	9	10	6	7	5	7	6	9	9	9	6	9	17	9	11	11	12
Intra-Cranial Vascular Lesions	427	18	30	14	20	23	29	24	25	33	39	42	28	34	20	26	22	32
Heart Disease	50	3	7	1	3	1	3	1	3	3	4	1	5	3	5	2	6	6
Other Diseases of Circulatory System	123	6	6	7	10	6	8	8	11	9	10	11	9	6	3	9	3	5
Bronchitis	67	2	2	6	2	1	3	7	2	11	4	5	4	7	3	4	4	14
Pneumonia	15	1	1	2	1	1	..	2	1	1	..	..	1	..	2	..	2	5
Other Respiratory Diseases	23	3	..	1	..	2	3	2	..	1	3	1	2	1	1	2	1	14
Ulcer of Stomach and Duodenum	18	1	..	1	1	..	1	1	..	5	1	2	..	1	1	..	3	13
Diarrhoea (under 2 years)	9	..	..	1	..	..	2	..	2	..	1	1	..	2	..	..	..	6
Appendicitis	41	2	2	3	..	1	5	..	5	5	3	2	4	3	1	1	4	31
Other Digestive Diseases	53	3	5	7	6	2	5	2	2	1	2	1	5	1	5	6	..	15
Nephritis	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Puerperal and Post Abortive Sepsis	6	2	..	..	..	..	1	..	..	1	1	..	..	1	..	..	..	6
Other Maternity Causes	26	4	2	1	2	1	2	1	..	2	3	1	1	..	3	2	1	17
Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Congenital Malformation and Birth Injury, etc.	31	1	3	1	..	1	3	1	3	6	3	2	..	4	4	..	2	26
Suicide	18	2	2	3	1	..	1	1	3	..	..	..	..	2	2	1	2	2
Road Traffic Accidents	19	2	1	..	1	1	1	2	1	3	..	1	2	1	3	..	..	21
Other Violent Causes	53	1	7	1	2	3	2	4	3	4	6	3	3	9	3	..	..	26
All Other Causes	148	6	9	7	12	17	16	4	9	8	10	8	8	12	2	12	8	77
Totals	1642	98	106	82	97	83	108	87	96	138	121	114	101	124	99	96	92	423
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34

## DERBY RAINFALL, 1941.

We are indebted to Messrs. J. Davis & Son for the following Table :—

According to the return of rainfall experienced at Derby during the past year, and taken by Messrs. John Davis & Son, All Saints' Works, there were 158 rainy days in 1941. The amount of rain which has fallen is 28.99 inches, which is 0.05 inches higher than that of the average of the twenty-one years. 1920-1940. The detailed figures are as follows :—

## DERBY.

## DUFFIELD.

		Inches.	No. of rainy days.		Inches.	No. of rainy days.		Average for Derby, 1920-1940 inclusive.
January ...	...	3.34	18	...	3.72	19	...	2.80
February ...	...	2.46	16	...	2.93	20	...	2.06
March ...	...	2.83	12	...	3.18	13	...	1.64
April ...	...	1.62	11	...	2.16	13	...	2.19
May ...	...	2.50	12	...	2.69	14	...	2.32
June ...	...	0.81	7	...	0.60	7	...	1.87
July ...	...	4.04	10	...	4.22	12	...	3.03
August ...	...	4.21	19	...	4.38	20	...	2.52
September ...	...	0.40	4	...	0.35	7	...	2.33
October ...	...	2.77	16	...	3.21	18	...	2.83
November...	...	2.94	22	...	3.27	22	...	2.83
December ...	...	1.07	11	...	1.41	10	...	2.52
		28.99	158		32.12	175		28.94

**II—MATERNITY & CHILD WELFARE.****MUNICIPAL MIDWIVES.**

There were seven midwives practising in the Borough, and amongst these several changes took place during the year.

The municipal midwives attended 361 confinements including non-residents and medical aid was sought in 184 cases.

152 on account of mother or expectant mother.

32 on account of infant.

No maternal deaths occurred in the cases booked by municipal midwives.

**Midwives.**—107 midwives gave notice of intention to practise within the Borough during 1941. 84 were attached to institutions (25 at the Derby Royal Nursing Institution, 2 at the Queen Mary Nursing Home, 32 at the City Hospital, 3 at the Poor Law Institution, 17 at the Women's Hospital, 4 at the Borough Isolation Hospital, and 1 at Nursing Homes). 20 were connected with the Health Department (including two School Nurses) and 3 practised privately (one of these being resident outside the Borough).

Of the 3 midwives practising privately in the Borough, 1 did not attend any cases in the Borough during the year, the remainder attended 122 cases (119 births and 3 stillbirths). Medical aid was sought in 32 cases, 25 on account of the mother and 7 on account of the infant. In addition, these midwives acted as maternity nurses at 10 cases. 41 visits to midwives were paid and 12 interviews.

**Ante-Natal Clinics.****CITY HOSPITAL.**

893 women made 4,910 attendances during the year.

**BOULTON.**

71 women made 602 attendances during the year.

## ROE FARM.

35 women made 318 attendances during the year.

## VOLUNTARY.—NURSING ASSOCIATION AND NIGHTINGALE HOME.

857 women made 3,725 attendances at 228 Clinics.

**Post-Natal Clinics.**

## MUNICIPAL—

City Hospital.

289 women made 427 attendances during the year.

## VOLUNTARY.—NURSING ASSOCIATION AND NIGHTINGALE HOME.

538 women made 538 attendances at 99 Clinics.

## DENTAL SERVICES.

Report by Mr. A. Stafford.

**Dental Clinics.**—Held at Temple House, Isolation and City Hospitals, and Ante-natal Clinics at Roe Farm and Boulton Child Welfare Centres. Particulars of treatment given are as follows :—

1941	Nursing Mothers.	Child Welfare.	Tuberculosis Clinic.	ISOLATION HOSPITAL AND SANATORIUM.		CITY HOSPITAL					Roe Farm Ante-natal Clinic.	Boulton Ante-natal Clinic.	Miscellaneous.	TOTALS.
				In-patients.	Staff.	Ante-Natal	Public Assistance.	In-patients.	Out-patients.	Staff.				
No. of cases who attended Clinics	37	356	1	16	42	636	31	145	5	114	58	99	25	1,565
No. of cases actually treated ...	36	350	—	15	40	430	29	96	5	88	—	—	24	1,113
No. of cases to whom advice only was given ...	1	6	1	1	2	206	2	49	—	26	58	99	1	452
No. of attendances made at Clinics	91	394	1	28	96	983	60	262	23	243	65	103	61	2,410
No. of Fillings ...	2	8	—	5	45	20	—	—	—	111	—	—	31	222
No. of Extractions ...	55	808	—	33	61	1043	87	428	29	85	—	—	37	2,666
No. of N <sub>2</sub> O Anaesthetics ...	14	360	—	5	20	363	22	44	—	51	—	—	16	895
No. of other General Anaesthetics	—	—	—	—	—	8	1	19	1	1	—	—	—	30
No. of Local Anaesthetics...	1	—	—	10	13	15	5	22	1	9	—	—	4	80
No. of Denture patients ...	15	—	—	1	3	—	3	1	2	4	—	—	3	32
No. of Dentures constructed ...	25	—	—	1	5	—	6	1	4	6	—	—	5	53
No. of Dentures repaired ...	1	—	—	—	1	1	4	—	—	1	—	—	1	9
No. of other Operations ...	46	7	—	2	40	78	14	73	27	54	—	—	20	361



**Maternal Mortality.**—The Maternal Mortality rate for 1941 was 3.54 per 1,000 total births (live and still). The form of Questionnaire required by the Ministry of Health has been filled up regarding all Maternal Deaths of Derby residents.

<i>Age.</i>	<i>Cause of death.</i>	<i>Institution.</i>	<i>Children left.</i>
36	Obstetric shock, uterine haemorrhage, placenta prævia, marginalis ... ..	C.H.	—
39	Septic abortion, but insufficient evidence to say how procured. Inq. ... ..	D.R.I.	—
23	Obstetric shock (operative delivery for obstruction by persistent occipito-posterior presentation). P.M. ... ..	C.H.	—
39	Heart failure, rt. coronary occlusion; patient was delivered of a living baby two weeks ago. P.M. ... ..	C.H.	1
34	Pul. embolus, Caesarian section, abnormal labour. P.M. ... ..	W.H.	—
33	Anti partum and post partum haem., placenta prævia ... ..	D.R.I.	5
34	Eclampsia ... ..	W.H.	—

**Births.**—2,840 notifications were received during 1941 under the Notification of Births Act, 1907. Of these, 1,882 were live births and 57 were still-births relating to Derby residents. 843 were live births and 58 were still-births relating to non-residents. The details were as follows:—

	<i>Derby Residents.</i>		<i>Non-Residents.</i>	
	<i>No.</i>	<i>Percentage.</i>	<i>No.</i>	<i>Percentage.</i>
<b>Live Births.</b>				
Notified by Midwives ... ..	766	26.97	18	0.63
Notified by Doctors ... ..	88	3.09	5	0.18
Notified from Institutions by Midwives	780	27.5	258	9.08
Notified „ „ „ Doctors	248	8.7	562	19.8
<b>Still-Births.</b>				
Notified by Midwives ... ..	17	0.60	1	0.04
Notified by Doctors ... ..	4	0.14	—	—
Notified from Institutions by Midwives	20	0.7	10	0.35
Notified „ „ „ Doctors	16	0.56	47	1.7
Totals ... ..	1,939	68.26	901	31.78

1,064, or 54.9% of total births relating to residents took place in Institutions. 1,939 births were registered.

**STILL-BIRTHS.** 115 Still-Births were notified (67 being notified by Medical Practitioners and 48 by Midwives). 57 were in respect of Derby residents and 58 non-residents. There were 94 burials of still-born children in the Derby cemeteries during the year. 54 still-births were registered in respect of Derby residents. Percentage of still-births to live births registered was 2.8. 54 still-births were investigated.



# MATERNITY AND CHILD WELFARE.

## Infantile Mortality during the year 1941.

Deaths from stated Causes at various Ages under One Year of Age.

CAUSE OF DEATH.				Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-3 Months.	3-6 Months.	6-9 Months.	9-12 Months.	Total Deaths under One Year.
i. Common Infectious Diseases.	Measles	...	...	...	...	...	...	...	...	...	1	...	1
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria: Croup	...	...	...	...	...	...	...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...	...	...	...	2	1	1	4
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...
ii. Diarrhœal Diseases.	Influenza	...	...	...	...	...	...	...	...	...	1	...	1
	Diarrhœa, all forms including Enteritis, Muco-enteritis, Gastro-enteritis, &c.	...	...	...	...	...	...	...	7	6	3	2	18
	Gastritis	...	...	...	...	...	...	...	...	...	...	...	...
iii. Wasting Diseases.	Premature Birth	...	...	21	2	...	1	24	2	...	...	...	26
	Congenital Defects	...	...	4	3	2	1	10	2	2	2	1	17
	Injury at Birth	...	...	3	1	...	...	4	...	...	...	...	4
	Atelectasis	...	...	1	1	...	...	2	...	...	...	...	2
iv. Tuberculous Diseases.	Atrophy, Debility, Marasmus	...	...	...	1	...	...	1	...	...	...	...	1
	Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	1	1
	Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tuberculous)	...	...	...	...	...	...	...	2	...	...	...	2
v. Other Causes.	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	...	...	...	3	3	...	...	...	...	3
	Pneumonia	...	...	1	...	...	1	2	6	6	3	2	19
	Suffocation, overlying	...	...	...	...	...	...	...	2	...	...	...	2
	Syphilis	...	...	...	...	1	...	1	1	1	...	...	3
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...
	Other Causes	...	...	2	1	1	1	5	2	2	...	2	11
TOTALS				32	9	4	7	52	24	19	11	9	115

Births registered { Legitimate 1,818  
Illegitimate 103 } Deaths { Legitimate Infants 110 Infantile Mortality = 60.5  
Illegitimate " 5 " " = 48.5 } 59.9 per 1,000 reg'd Births

Two of the 115 infants had been vaccinated.

## Attendances at Welfare Centres.

CENTRE.	Welcomes held.	No. of Children attending.	Attendances.			No. of Children weighed.	No. of Children seen by Doctor.
			Mothers.	Babies.			
				Under 1	1-5 Yrs.		
Boulton ...	98	480	2795	1884	1220	2962	1248
Nightingale Rd.	102	539	3620	2311	1863	3976	1323
Rutland St.	51	454	2637	1892	935	2719	819
St. Giles', Normanton	49	791	2941	1711	1486	3093	991
Temple House	98	777	3639	2542	1349	3784	1113
Dean Street ...	49	340	1853	1457	473	1895	711
Roe Farm ...	98	693	4597	2795	2335	4965	1575
Green Street ...	151	893	5072	3425	2221	5483	1551
Trinity Street ...	51	701	2551	1485	1080	2555	349
Totals ...	747	5668	29705	19502	12962	31432	9680

### Number of Children making first attendances in 1941.

CENTRE.	Under 1 m'th	1-3 m'ths	3-6 m'ths	6-9 m'ths	9mth's 1 year.	Total.	1-5 years	Total.
Boulton ...	39	90	25	7	2	163	104	267
Nightingale Rd. ...	55	75	12	7	5	154	146	300
Rutland Street ...	40	83	27	9	6	165	157	322
St. Giles', Normant'n	34	78	29	8	7	156	134	290
Temple House ...	37	76	47	14	8	182	167	349
Dean Street ...	36	66	12	7	2	123	68	191
Roe Farm ...	65	104	24	7	12	212	165	377
Green Street ...	89	143	25	8	10	275	213	488
Trinity Street ...	47	291	21	7	3	369	11	380
Totals ...	442	1006	222	74	55	1799	1165	2964

### Numbers of Babies entirely artificially fed at first visit.

CENTRE.	Under 1 month.	1-3 months.	3-6 months.	6-9 months.
Boulton ...	6	26	18	1
Nightingale Rd. ...	7	15	7	2
Rutland Street ...	18	33	29	3
St. Giles', Norm'nt'n	4	19	4	3
Temple House ...	7	19	17	9
Dean Street ...	9	25	10	3
Roe Farm ...	10	27	11	1
Green Street ...	12	31	12	6
Trinity Street ...	4	49	11	4
Totals ...	77	244	119	32

#### Ophthalmia Neonatorum.—Cases notified 16.

Further information and the table required by the Ministry will be found on page 28.

#### Pemphigus Neonatorum.—One case was notified during the year.

### CHILDREN OF PRE-SCHOOL AGE.

The scheme for the Routine Medical Inspection of pre-school children was continued as far as possible during 1941, but shortage of staff curtailed the number of examinations.

The figures are :—

Routine Medical Inspections	...	...	1,680
Re-Inspections	...	...	1,428
Special Examinations	...	...	43

The number of individual children who were referred on account of some defect was :—

Treatment	...	...	...	...	823
Observation	...	...	...	...	589

The types of defect corresponded generally to the lists given in previous reports.

Children with defects were referred to various special clinics as follows :—

Ultra-violet Ray Clinic	...	...	...	312
Orthopædic Clinic	...	...	...	280
Aural Clinic	...	...	...	119
Ophthalmic Clinic	...	...	...	83
Skin Clinic	...	...	...	48

Included in the total of these figures are 176 children under two years of age, for whom the special clinics of the School Medical Service are also available.

**Milk for Expectant and Nursing Mothers and for Infants.**

The following amounts were supplied during the year :—

	<i>Sold at cost price.</i>	<i>Supplied free.</i>	<i>Total.</i>
National Dried Milk ...	9,535 lbs.	10,093 $\frac{3}{4}$ lbs.	19,628 $\frac{1}{4}$ lbs.

**Home Helps.**—During the year, 123 applications for Home Help services were received. The full fee was paid in 13 cases, a reduced fee in 62 cases, and in 11 cases no charge was made. In 37 instances the applications were withdrawn.

**Nursing in the Home.**—Same as 1938.

**Nursing Homes.**

Registered at 31st December, 1940	...	...	...	...	3
(1) Applications for Registration	...	...	...	...	—
(2) Homes Registered	...	...	...	...	—
(3) Orders made refusing or cancelling Registration	...	...	...	...	—
(4) Appeals against such Orders	...	...	...	...	—
(5) Cases in which Orders have been					
(a) Confirmed on appeal	...	...	...	...	—
(b) Disallowed	...	...	...	...	—
(6) Number of applications for exemption from registration	...	...	...	...	6
(a) Granted	...	...	...	...	6
(b) Withdrawn	...	...	...	...	—
(c) Refused	...	...	...	...	—
On register at end of year	...	...	...	...	3

Twenty-two visits of inspection were made during the year.

**Children Act, 1908.**

On Register at beginning of year	...	...	...	...	21
Added during the year	...	...	...	...	9
Removed from Register—					
Taken out of the Borough	...	...	...	...	—
„ to parents out of the Borough	...	...	...	...	2
„ to parents in Borough	...	...	...	...	8
„ to relatives in Borough	...	...	...	...	—
„ to relatives out of the Borough	...	...	...	...	—
„ to Institutions in Borough	...	...	...	...	—
Adopted	...	...	...	...	1
Reached nine years of age	...	...	...	...	1
Died	...	...	...	...	—
				—	12
On Register at end of year	...	...	...	...	18
149 visits were paid to these Children.					
Foster parents on Register at beginning of year	...	...	...	...	20
„ „ „ end of year	...	...	...	...	18



### III—SCHOOLS & SCHOOL CHILDREN.

#### GENERAL REVIEW.

For reasons of economy the report for 1941 consists chiefly of a resumé of the work done during the year.

The main features of this short summary are :—

**Staff.**—One of the Medical Officers resigned in May and his place could not be filled, so the Medical Staff is depleted to this extent. The Dental Staff remained as in 1940.

**Schedules.**—Nutritional surveys were begun during the year and the extra work which these entailed, combined with the shortage of staff, affected seriously the normal programme. Several schools could not be inspected, but will be visited as soon as possible in 1942.

**Ancillary Care.**—The meals and milk schemes were fully maintained during the year, and even in the closing months extra milk was available for every necessitous child. Plans for greatly extended school canteens are being steadily developed.

**Number of Examinations.**—In spite of the reduced staff, the number of children examined was greater than in 1940. This was due partly to improved school attendance and an increase in the specials, which occurred as a consequence of the nutritional surveys. There was also a very large increase over 1940 in the attendances at the Minor Ailment Clinics.

**Uncleanliness.**—An important development in this respect was the establishment in April of a cleansing station for verminous heads. Two cleansing attendants were appointed and trained by the nursing staff and cases were treated individually following the school inspections. A room in the Central Clinic was set aside for this purpose and the scheme has been unreservedly successful.

**Scabies.**—In common with most industrial areas, there was an increase in the number of cases of Scabies in 1941. A great deal of research is being carried out at present with regard to this disease, and it is clear that early diagnosis is most important. If cases are recognised early, before the condition is complicated by Impetigo, a speedy cure can be anticipated.

**General Health.**—As far as could be judged from routine and other inspections, the health of Derby school children continued to be satisfactory. There was an increase in the number of children returned as suffering from malnutrition, but this was due chiefly to the fact that extra rations of milk were available for necessitous children and all children so listed were registered as being below normal. There is, therefore, little significance in these figures. What is perhaps more important is that the heights and weights of the routine age groups, 5, 8 and 12, with the exception of 5 year old boys, have shown a reduction from the corresponding figures of 1935. The reduction in the average for 5 year old girls is very slight, and it is a matter for conjecture whether the special care which young children are receiving, *e.g.*, extra milk, fruit, etc., is keeping them relatively fitter than their elder brothers and sisters. It is difficult indeed to assess whether or not the reduction in these averages is due to a diminution of some of the proteins in the general diet, as theoretically there appears to be a sufficiency. The probability is that there is enough to maintain health, but not quite enough to produce the optimum height and weight. Apart from food there are, however, other factors to account for this decline, the chief of which, in my opinion, is insufficiency of sleep—a

tendency which is partly explained by the large number of women on war work. Whatever the cause, it is clear that, though at present satisfactory, the health of the school child will continue to require the closest scrutiny and care.

### SCHOOL ATTENDANCE.

The accommodation in Elementary Schools is 21,751. The number of names on the books is 16,562 and the average attendance 13,682. These figures do not include the Central (Boys') School and Temple House Special M.D. School.

### THE SCHOOL MEDICAL SERVICE IN RELATION TO PUBLIC ELEMENTARY SCHOOLS.

#### Medical Inspection.

**Number of children inspected.**—The total number of children inspected was 5,843. Of these, 2,856 were boys and 2,987 were girls. In addition, 761 children were brought forward for special examinations by head teachers and as a result of the nutritional surveys.

### FINDINGS OF MEDICAL INSPECTION.

#### Clothing and Footgear.

The percentage of children found to be inadequately clothed during the year was 0.5. The percentage of children with unsatisfactory footgear was 0.5.

#### Malnutrition.

The number of children in 1941 who were suffering from serious malnutrition was 5, and the number noted with slight malnutrition was 1,267.

#### Heights and Weights.

Age.	Year.	BOYS.			GIRLS.		
		Number examined.	Average Height (inches).	Average Weight (lbs.).	Number examined.	Average Height (inches).	Average Weight (lbs.).
5 years ..	1919	499	40.7	39.4	496	40.3	39.1
	1925	851	41.3	40.4	838	41.0	39.3
	1935	842	41.8	41.6	779	41.7	40.6
	1941	568	42.0	41.8	593	41.5	40.3
8 years ..	1919	975	48.2	53.2	872	47.6	51.8
	1925	810	47.8	53.0	767	47.5	51.5
	1935	949	49.2	56.3	969	48.8	55.4
	1941	659	48.9	55.3	659	48.6	52.0
12 years ..	1919	841	53.1	70.2	915	54.8	73.4
	1925	858	54.8	72.3	901	55.7	74.6
	1935	784	56.3	78.2	854	57.3	81.4
	1941	708	56.1	77.0	774	55.7	76.4

#### Uncleanliness.

See report on the Work of the School Nurses (page 18).

#### Minor Ailments and Diseases of the Skin.

The following skin diseases were recorded at the medical inspections :—

Scabies ...	... 37	Ichthyosis ...	... 16
Dermatitis ...	... 30	Seborrhoea ...	... 13
Impetigo ...	... 18	Warts ...	... 10
Other diseases ...		... 32	



### Visual Defects and External Eye Disease.

The percentage of children found to have defective vision was 17.9.

In the eight and twelve year old groups, the percentages of children who were unable to read 6/6, 6/6, were :—

<i>8 year boys.</i>	<i>8 year girls.</i>	<i>12 year boys.</i>	<i>12 year girls.</i>
14.4	18.8	17.9	19.0

In the same age groups, the percentage of children with more serious defects (6/12 or worse in either one or both eyes) were :—

<i>8 year boys.</i>	<i>8 year girls.</i>	<i>12 year boys.</i>	<i>12 year girls.</i>
6.2	8.3	9.2	9.0

The total number referred for refraction was 245.

The number of partially sighted children as judged by the accepted criteria is 20.

**Squint.**—The number of children in the five year old group found to have a squint, even of the smallest degree, was 71.

**External Eye Disease.**—The following defects were found in the course of Routine Medical Inspection :—

Blepharitis	... 58	Conjunctivitis...	10
	Other defects	...	19

### Nose and Throat Defects.

The number of children referred for treatment for enlarged tonsils and adenoids was 3.3 per cent. of the number examined. The percentage placed under observation was 18.5.

### Ear Disease and Defective Hearing.

117 children were noted as suffering from Otorrhoea at routine medical inspection.

Defective hearing, mostly of a slight character, was found in 102 cases.

### Dental Defects.

2,594 children were found at the routine medical inspection to have carious teeth.

### Orthopaedic and Postural Defects.

The following deformities were noted at the routine medical inspections :—

Rickets	...851	Spinal Curvature	518
	Other defects	...	124

### Heart Disease and Rheumatism.

5.6 per cent. of all children examined were listed as having heart defects. Few of these were organic and the vast majority required only observation. The number of children found to be suffering from rheumatism was 35.

### Tuberculosis.

Five cases were referred from routine medical inspection to the Tuberculosis Medical Officer for advice during the year.

In addition to these children, 38 special cases were referred to the Tuberculosis Medical Officer for his opinion. Of that number, four had been previously referred,



### Vaccination.

575 (10 per cent.) of the 5,843 children medically inspected were recorded as having been vaccinated.

### FOLLOWING UP.

The arrangements for the following up of children suffering from the various defects continued as outlined in the report for 1932.

### ARRANGEMENTS FOR TREATMENT.

**Consultation Clinic, Mill Hill Lane.**—1,078 attendances were made at this clinic during the year.

**Minor Ailments Clinics.**—The total number of children attending these clinics was 11,158, and the number of attendances was 49,533. Of this number, 16,606 examinations (inspections and re-inspections) were made by Medical Officers.

**Scabies.**—The number of cases of Scabies treated during the year was 478, as compared with 215 in 1940.

**Dental Clinic, Mill Hill Lane.**—The Dental Clinic is held every day of the week (morning and afternoon).

Total number of cases attended	...	...	6,585
Total number of attendances	...	...	8,976
Total number of clinics held	...	...	1,305

MR. ARTHUR STAFFORD, School Dental Surgeon, reports as follows :—

**Inspections.**—The Elementary and Central (Boys') Schools were visited once during the year, children of all ages being inspected. The Secondary, Special (Temple House) and Nursery Schools are not included in the routine scheme and were not, therefore, visited. Scholars from these schools are, however, given treatment at the Dental Clinic on being referred at School Medical Inspections or by making direct application for it, and these cases provided 519 special inspections.

133 sessions were spent on Elementary School inspections, at which 14,630 children were examined. It was found that 15.8% had sound teeth, 21.1% had slight defects not necessitating treatment, and 63.1% required treatment.

Of the 9,111 children found to be requiring treatment, 6,686 were referred for it, and the usual form of invitation to accept treatment was issued to their parents, with the result that 66.8% accepted the offer of treatment, 21.2% refused, while from 12.0% no reply was received.

**Treatment.**—Treatment is carried out every day of the week at the Central School Clinic, where three surgeries are kept constantly occupied. 8,976 attendances were made by 6,585 children; 5,389 fillings were inserted in permanent teeth and 20 in temporary teeth; 8,673 temporary teeth and 2,459 permanent teeth were extracted, for which purpose 4,914 general and 20 local anaesthetics were used.

The number of permanent teeth extracted remains higher than is to be desired, but it should be noted that 262 of these were sound teeth removed from overcrowded mouths for orthodontic purposes. There was the usual small number of cases for the treatment of gum conditions and for sealing

and polishing of teeth, etc., with none of outstanding merit, along with the construction of orthodontic appliances for 7 cases."

**Ophthalmic Clinic, Mill Hill Lane.—**

Total number of cases attended	...	...	1,569
Total number of attendances	...	...	2,479
Spectacles provided at contract rates	...	...	816

Included in these figures are 83 cases which were referred from Child Welfare Centres.

**Orthoptic Clinic.**—A general statement with regard to this clinic was made in the report for 1938. I am indebted to Miss W. D. Lord, the Orthoptist in charge of the Department, for the following report :—

Number of cases dealt with during 1941	...	213
--	-----	-----

**Classification :—**

Under observation only	...	...	...	26
On preliminary treatment	...	...	...	13
On actual treatment	...	...	...	61
On waiting list	...	...	...	39
Refused	...	...	...	39
Discharged	...	...	...	35
				—213

During the year 7 cases received operative treatment.

**Aural Clinic, Mill Hill Lane.**—The number of children who received operative treatment for tonsils and adenoids during 1941 was 295.

Total number of cases attended	...	...	941
Total number of attendances	...	...	1,458

Included in these figures are 119 cases referred from Child Welfare Centres.

**Ultra-Violet Ray Clinic, Mill Hill Lane.—**

Total number of children attended	...	...	548
Total number of attendances	...	...	8,320

In addition, 244 cases referred from the Child Welfare Clinics made 2,850 attendances.

**Ultra-Violet Ray Clinic, Green Street.—**

Total number of children attended	...	...	208
Total number of attendances	...	...	4,700

In addition, 68 cases referred from Child Welfare Clinics made 1,041 attendances.

In both clinics, the types of cases treated were similar to the lists given in previous reports.

**Skin Clinic, Mill Hill Lane.—**

Total number of cases attended	...	...	351
Total number of attendances	...	...	1,405

Included in these figures are 48 cases referred from Child Welfare Clinics.

**Orthopaedic Clinic, Mill Hill Lane.—**

Total number of cases attended	...	...	888
Total number of attendances	...	...	6,501

Included in these figures are 280 cases referred from Child Welfare Clinics.

## SUMMARY OF TREATMENT :—

(a) At Bretby ... ..	2
(b) At the City Hospital ... ..	31
Number of X-Ray examinations ...	20
(c) At the Orthopaedic Clinic :—	
Massage, Exercises, Electricity, etc. ...	5,880
Attendances at Splint Maker ... ..	299

**Speech Clinic.—**

Number of children attending ... ..	141
Number of attendances ... ..	1,880
Number of home visits ... ..	10
Number of school visits ... ..	57

**OPEN-AIR EDUCATION.**

The Open-air Class at Sinfin School was closed at the beginning of the war and the class temporarily disbanded.

**PROVISION OF MEALS.**

The number of children on the Free Meal List is 510.

A medical examination of all children for whom free meals were applied was undertaken, and the number of children so examined during 1941 was 167.

The number of children on the milk register is 15,092.

The total free issues (included in the above figure) was 1,700.

The provision of milk was continued during the holidays to children on the free list.

**CO-OPERATION OF PARENTS, TEACHERS, CHILDREN'S WELFARE OFFICERS AND VOLUNTARY BODIES.**

**Parents.**—The number of parents who attended with their children for routine medical inspection was as follows :—

<i>Number.</i>	<i>Total Percentage.</i>	<i>Percentage in Infant Group.</i>
2,928	50%	74.7%

**BLIND, DEAF, DEFECTIVE AND EPILEPTIC CHILDREN.**

**Blind.**—One case of blindness was examined during the year before admission to a Blind Institution.

**Deaf.**—No cases were examined during the year for admission to a Deaf and Dumb Institution.

**Epileptic.**—No cases of Epilepsy were examined during the year for institutional treatment.

**Mentally Defectives.**—Twenty-two children were examined under the Mental Deficiency Act, 1913. Six were certified under Article 2 (a), and 16 were certified under Article 4.



**Temple House Special School.**—During 1941, 53 children were referred for examination regarding their admission to the School. Of these, 14 were certified as capable of receiving benefit from instruction in the Special School and were actually admitted during the year. 39 were found not to be mentally defective within the meaning of the Act and fit to be retained in the elementary school.

**Work of the Local Branch of the Central Association for Mental Welfare.**—During the year, 350 visits were paid to homes of children who were either in or had left Temple House Special School.

**Full-time Courses of Higher Education for Blind, Deaf, Defective and Epileptic Students.**—There are no centres for Higher Education or Vocational Training in Derby. Suitable cases requiring such training are sent to recognised institutions elsewhere.

### NURSERY SCHOOLS AND CLASSES.

The total number of children examined at the various schools was 335.

### SECONDARY SCHOOLS AND OTHER INSTITUTIONS OF HIGHER EDUCATION.

The number of Secondary Schools in Derby is five, viz., The Bemrose School (Boys), Parkfields Cedars Secondary School for Girls, The Derby School (Boys), The Junior School of Art (Boys and Girls), and Homelands Secondary School (Girls).

**Medical Inspection.**—Of the five schools, only one (Derby School) was inspected in 1941. Arrangements are being made, however, to inspect the others as soon as possible in 1942.

The total number of pupils inspected at the Derby School was 228.

The number of defects treated at the Clinic was :—

Visual Defects	...	...	...	...	...	160
Dental Defects	...	...	...	...	...	519
Other Defects	...	...	...	...	...	82

### PARENTS' PAYMENTS.

The arrangements under this heading have been explained in previous reports.

### EMPLOYMENT OF SCHOOL CHILDREN.

During the year, 221 children were examined as to their fitness to undertake employment. One was certified not fit.

### THE WORK OF THE SCHOOL NURSES.

Seven nurses, including one employed whole-time on orthopaedic work, are engaged on the work of the School Medical Services. In addition, four nurses are employed on half-time Health and half-time School Medical Services.

Home visits	...	...	...	...	...	2,697
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#### Visits to Schools.—

Number of sessions devoted to vermin inspections	346
Miscellaneous	121

**Visits to Nursery Schools.—**

Number of visits paid...	...	...	...	216
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**Clinics.—***Sessions.*

Minor Ailments, Specialist Clinics and Ultra-Violet Ray Clinics	...	...	...	2,832
---	-----	-----	-----	-------

**CLEANSING CLINIC.**

Number of individual children cleansed	...	583
--	-----	-----

**MISCELLANEOUS WORK.**

Medical examinations were also made as follows :—

Teachers	...	...	...	...	...	25
Children for Approved Schools or Remand Homes	...	...	...	...	...	37
Entertainments	...	...	...	...	...	11
Boarding out	...	...	...	...	...	32
Schools Camp	...	...	...	...	...	371

**Child Guidance.**—The arrangement made with the Derbyshire County Council to have six of the Borough cases examined at the County Clinic was continued during the year. As this small number, however, represents only a small fraction of the total which required attention, and the need is becoming more urgent, the establishment of a Borough Clinic has again been strongly recommended. This time, in spite of difficulties occasioned by the war, it is hoped to go on with the scheme and it is expected that a start will be made in 1942.

**APPENDIX.****TABLE I.—MEDICAL INSPECTIONS OF CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS.****A.—ROUTINE MEDICAL INSPECTIONS.**

Number of Inspections in the prescribed Groups :—

Entrants	...	...	...	...	...	...	2,436
Second Age Group	...	...	...	...	...	...	1,838
Third Age Group	...	...	...	...	...	...	1,904
Total							6,178
Number of other Routine Inspections	...	...	...	...	...	...	—
Grand Total							6,178

**B.—OTHER INSPECTIONS.**

Number of Special Inspections	...	...	...	}	26,497
Number of Re-Inspections	...	...	...		

TABLE II.

**Classification of the Nutrition of Children Inspected during the Year  
in the Routine Age Groups.**

Number of Chil- dren In- spected	A (Excellent)		B (Normal)		C (Slightly subnormal)		D (Bad)	
	No.	%	No.	%	No.	%	No.	%
6178	1071	17.34	3798	16.48	1304	21.11	5	0.08

TABLE III.

**Group I.—Treatment of Minor Ailments (excluding Uncleanliness,  
for which see Table V.).**

Total number of Defects treated or under treatment during  
the year under the Authority's Scheme ... .. 10867

**Group II.—TREATMENT OF DEFECTIVE VISION AND SQUINT**

					Under the Authority's Scheme
ERRORS OF REFRACTION (including squint). ... ..					924
Other defect or disease of the eyes (excluding those recorded in Group I.) ... ..					—
Total ... ..					924
					Under the Authority's Scheme.
No. of Children for whom spectacles were					
(a) Prescribed ... ..					823
(b) Obtained ... ..					681

**GROUP III.**

**TREATMENT OF DEFECTS OF NOSE AND THROAT.**

Received Operative treatment.	Received other forms of treatment.	Total number treated.
288	149	437



**Table IV. Dental Inspection and Treatment.**

(1) Number of children inspected by the Dentist

(a) Routine age-groups

AGE	5	6	7	8	9	10	11	12	13	14	TOTAL
Number	1858	1473	1593	1550	1572	1652	1540	1567	1569	256	14,630

(b) Specials ... .. --

(c) TOTAL (Routine and Specials) ... .. 14,630

(2) Number found to require treatment ... .. 9,111

(3) Number actually treated ... .. 6,066

(4) Attendances made by children for treatment ... .. 7,997

(5) Half-days devoted to :—

Inspection ... .. 133

Treatment ... .. 1,305

Total ... .. 1,438

(7) Extractions :—

Permanent Teeth ... 2,154

Temporary Teeth ... 8,573

Total ... .. 10,727

(8) Administrations of general  
anæsthetics for extractions 4,679

(6) Fillings :—

Permanent Teeth ... 4,487

Temporary Teeth ... 20

Total ... .. 4,507

(9) Other Operations :—

Permanent Teeth ... 389

Temporary Teeth ... 27

Total ... .. 416

**Table V.—Verminous Conditions.**

(i.) Average number of visits per school made during the year by the School Nurses ... ..	6
(ii.) Total number of examinations of children in the Schools by School Nurses ... ..	34,407
(iii.) Number of <i>individual</i> children found unclean ... ..	2668
(iv.) Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921... ..	582
(v.) Number of cases in which legal proceedings were taken :—	
(a) Under the Education Act, 1921 ... ..	5
(b) Under School Attendance Byelaws ... ..	9

**Table VI.—Blind and Deaf Children.**

Total number of children not receiving suitable education... Nil

**Mentally Defective Children.**

Total number of children notified during the year ended 31st December, 1941, by the Local Education Authority to the Local Mental Deficiency Authority, under the Mental Deficiency (Notification of Children) Regulations, 1928... 22

**A P P E N D I X .****TABLE I.****Medical Inspections of Children attending Secondary Schools.****A.—Routine Medical Inspections.**

Total ... .. 228

**B.—Other Inspections.**

Number of Special Inspections and Re-inspections ... 480

**TABLE III.****Group I.—Treatment of Minor Ailments.**

Total number of Defects treated, or under treatment during  
the year under the Authority's Scheme ... 52

**Group II.—Treatment of Defective Vision and Squint.**

	Under the Authority's Scheme.
Errors of Refraction (including Squint) ...	160
Other Defect or Disease of the Eyes (excluding those recorded in Group I.)... ..	—
<b>TOTAL</b> ... ..	<b>160</b>
	Under the Authority's Scheme.
No. of children for whom spectacles were	
(a) Prescribed ... ..	154
(b) Obtained... ..	135

**Group III.—Treatment of Defects of Nose and Throat.**

Received Operative treatment ... 7  
Received other forms of treatment ... 3  
Total number treated ... 10

**Table IV. Dental Inspection and Treatment.**

(1) Number of Children who were inspected by the Dentist:—

(a) Routine Age Groups .. ..	Nil
(b) Specials .. ..	519
<b>Total</b> .. ..	<b>519</b>
(2) Number found to require treatment .. ..	519
(3) Number actually treated .. ..	519
(4) Attendances made by children for treatment .. ..	979
(5) Half-days devoted to	
{ Inspection —	Total .. Nil
{ Treatment —	
(6) Fillings	
{ Permanent Teeth 902	Total .. 902
{ Temporary Teeth —	
(7) Extractions	
{ Permanent Teeth 305	Total .. 405
{ Temporary Teeth 100	
(8) Administrations of general anæsthetics for extractions ..	235
(9) Other operations	
{ Permanent Teeth 78	Total .. 79
{ Temporary Teeth 1	

## IV—PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

A further year of "total war" has shown that the foundations of Public Health practice, as applied in this Borough to the prevention and control of infectious disease, are eminently sound.

The general health of the community has not suffered, serious epidemics have not occurred, and the history of the Department may be recorded as **a year of prevention.**

There was a marked reduction in the number of cases of Cerebro-Spinal Meningitis; Diphtheria occurred at nearly the same ratio as in 1940; the biennial augmentation of Whooping Cough, now a notifiable infection, showed an approximate doubling of recorded cases, whereas other infections were of little importance and the mortality figures can be considered as very good.

Following the oft repeated advice of local workers and valuable propaganda inaugurated by the Ministry of Health, the public has at last accepted the idea that Diphtheria can be prevented; **immunisation** has provided the major activity of the year, all past records have been broken and 4,400 children received prophylactic injections. The increased enthusiasm shown by parents to have their younger children protected, together with the prevalence of Whooping Cough, presented an opportunity for the trial of a combination of diphtheria prophylactic with whooping cough vaccine. First offered at one Child Welfare Centre, the good news spread and parents began to ask for the double protection. The offer was extended to War Nurseries by a special letter issued to parents who send their children to Nurseries, including those in attendance at recognised Nursery Schools and Nursery Classes, and the idea has "caught on." The major difficulties are supplies, and time to do the work. We hope to be able to publish some results after the next wave of whooping cough has exercised its power on the infantile population.

### Vaccination of Infants during 1941 :—

Total number of births	...	...	...	...	2,784
Children under 12 months died un-vaccinated...					151
Insusceptible	...	...	...	...	5
Postponed	...	...	...	...	43
Successful	...	...	...	...	262
Conscientious objection certificates			...	...	1,709

### COMMUNICABLE DISEASES.

**Influenza** was less prevalent in the spring, but was a cause of death by pulmonary complications in 10 cases, only one of which was notified.

**Pneumonia.**—The new chemotherapy is proving its value for the saving of valuable lives and in the nursing of this grave illness; there is, moreover, a great saving of oxygen. It seems to be less effective in Influenzal Pneumonia.

**Home Nursing.**—Trained nursing assistance for cases of Pneumonia was provided in 23 instances, 21 of which recovered. For certain other cases the Works Welfare nurses were in attendance.

### BOROUGH ISOLATION HOSPITAL—IN-PATIENT DAYS.

Year.	Scarlet Fever.	Diphtheria.	Others.
1937	15,952	10,078	5,915
1938	17,503	10,728	3,788
1939	11,075	13,813	5,370
1940	5,696	12,593	14,168
1941	5,279	13,249	13,852



A quarterly analysis of these figures for 1941 indicates that there was a considerable reduction in admissions for the October to December period, which is generally very heavy, with a corresponding saving. This very satisfactory state of affairs followed from the considerable reduction of Diphtheria notifications, the absence of Measles, and the great reduction of Whooping Cough.

### Cases of Infectious Disease Notified during 1941.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.											TOTAL CASES NOTIFIED IN EACH WARD.												Non-Residents.	Total Cases removed to Isolation Hospital						
	At all ages	At Ages—Years.										Abbey.	Alveston.	Arboretum.	Babington.	Becket.	Bridge.	Castle.	Dale.	Derwent.	Friar Gate.	King's Mead.	Litchurch.			Normanton.	Osmaston.	Pear Tree.	Rowditch.		
		Under 1.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45																			45-65	65 and upwards.
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	7	4	10	6	12	8	10	90	19	27	10	5	26	7	13	3	264
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Croup)	275	2	5	13	16	13	95	67	26	34	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	46	1	1	...	...	...	...	1	2	9	3	17	12	...	4	3	2	4	2	3	...	3	3	2	2	3	7	3	4	1	20
Scarlet Fever ...	177	...	6	8	11	12	72	37	13	15	3	...	...	7	28	11	4	6	4	8	4	13	19	6	16	16	16	9	6	4	134
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	5	...	...	...	...	...	...	...	3	1	...	1	...	...	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	4
Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia	66	...	...	...	...	...	...	...	5	56	5	...	...	3	5	...	2	3	2	2	1	...	5	4	1	5	2	2	2	27	...
Cerebro-Spinal Fever	48	6	2	4	3	1	3	6	4	14	3	2	...	3	3	4	1	2	...	2	1	2	5	2	1	3	5	2	2	10	31
Polio-myelitis	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Polio-Encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Encephalitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia	128	6	3	2	7	1	8	1	8	36	17	30	10	6	16	4	3	7	6	5	2	12	8	5	6	8	24	9	4	3	1
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	45	...	...	...	...	...	...	...	2	4	8	20	11	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	44	...	1
Pulmonary Tuberculosis	132	...	...	1	...	...	...	...	13	56	28	30	4	4	9	3	7	6	8	7	8	12	4	8	5	8	15	10	5	13	94
Other forms of Tuberculosis	33	1	2	2	1	1	3	4	4	8	3	3	1	1	5	1	...	2	1	2	1	2	1	1	2	3	5	2	4	...	...
Ophthalmia Neonatorum	16	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	2	1	1	2	1	1	...	1	2	...
Measles and *Rubella	918	47	97	122	118	165	281	48	13	27	...	...	...	17	97	64	57	31	33	84	5	35	81	46	37	116	110	29	26	5	69
*Chicken-pox	729	17	38	40	61	79	406	70	9	8	1	...	...	67	93	28	20	28	38	82	13	27	40	42	39	32	113	38	28	1	17
Whooping Cough	912	90	104	133	153	135	277	18	...	2	...	...	...	44	58	62	31	47	26	60	19	136	48	57	67	44	123	41	47	2	86
Totals ...	3531	186	258	325	370	407	1146	252	102	269	75	103	38	171	326	184	138	144	135	265	109	335	234	201	188	245	447	152	186	71	721

\* Not compulsorily notifiable.

**BACTERIOLOGICAL, etc., EXAMINATIONS.**

The following is a summary of examinations made during the year 1941 :—

**BOROUGH LABORATORY (Isolation Hospital).**

Swabs for Haemolytic Streptococci	...	...	...	—
Swabs for Diphtheria	...	...	...	6,793
Swabs for Vincent's Angina	...	...	...	156
Sputa by ordinary method	...	...	...	1,846
Sputa by concentration methods	...	...	...	3
Cerebro Spinal Fluid	...	...	...	139
Others	...	...	...	690
Borough Laboratory Total				9,627

**COUNTY LABORATORY.**

Swabs for Haemolytic Streptococci	...	...	...	112
Urine and Faeces Specimens	...	...	...	387
Water	...	...	...	20
Cerebro-Spinal Fluid	...	...	...	15
Swabs for K.L.B., Vincent's Angina, Organisms	...	...	...	9
Blood for Widal's Reaction	...	...	...	30
Artificial Cream, Ice Cream, &c.	...	...	...	39
Others	...	...	...	52
County Laboratory Total				664
Grand Total				10,291

**Scarlet Fever.**—The low level of endemicity continued during 1941, and the sporadic cases were very mild in type. One "return case" was reported.

**Diphtheria.**—The "gravis" type of infection, reported in previous years, continued to be the prevalent strain throughout the Borough. This infection was most prevalent during the first half of the year. 275 cases were notified during the year, and 10 deaths, all from the "gravis" type, occurred: this was more satisfactory than 1940, but must be deplored as a great wastage of child life due to failure of parents to accept the repeated offers of protection.

Apart from infections notified as diphtheria, a considerable number of children, adolescents and adults were admitted to Hospital with tonsillitis in whom diphtheria was not found. Of those notified, the diagnosis was doubtful or not confirmed in 50; 7 were carriers.

As in past years, owing to the extension of immunisation, a good percentage of cases under treatment were adolescents and adults who had not been immunised. This provides a further corroboration of the importance of protection in early life.

**Diphtheria in the Inoculated.**—Of the 13,000 protected since the inauguration of the scheme, 19 developed clinical diphtheria during the year. Four of these had been tested by the ordinary strength Schick reaction and found to be negative: such a falling off of immunity is not uncommon, but suggests that the test used is an indication of a minimum response in certain individuals, who would have been found positive against toxin of higher potency. Ten other cases were notified as diphtheria, two of whom had been recently immunised, and eight had not completed their course. One of the latter, because of parental indifference, suffered from a grave attack and died.



Six children notified as suffering from diphtheria were found to be temporary carriers of this infection without symptoms of illness associated with the disease, a further six cases were found to be suffering from other infections.

During the past 10 years, 65 of the children whose immunisation was estimated as complete and subject to the usual time lag of three months, have been under treatment for clinical diphtheria. There has been **no death** in an immunised child. The large majority of these cases have been mild, some so mild that they would not have been diagnosed as diphtheria had not a swab been taken.

In view of the steady spread of "gravis" infection from its first appearance (or differentiation) in 1934 and its establishment as the prevailing type in most infections, the occurrence of diphtheria in the inoculated does **not** indicate a failure to establish a general immunity in the population, but merely an individual incapacity to produce sufficient antibodies at the time of exposure to a very virulent type of infection. Such experiences cannot be avoided, and parents generally realise that immunisation has really saved their children from a very grave or even fatal illness.

**Diphtheria Prophylaxis.**—There has been an increased demand for prophylactic on the part of medical practitioners for their private patients. Owing to the necessity to economise material, the use of the Schick Test has been abandoned save for the routine work of ensuring full protection for nurses.

The number of Immunising Centres has been increased, the average attendance has augmented, and there has been such a demand for the immunisation of infants that I always have a waiting list.

The cost of developing this campaign has been greatly reduced by the Government provision of free issues of A.P.T., which is now in use for dealing with younger children in the Infants' Schools and those who have not reached school age. One has to admit that reactions occur after the first dose, usually quite insignificant, which may influence some parents and lead to failure of attendance for the second, **the important dose**. Proportionally to the numbers who have attended, such failures form a very small group.

Instead of Schick testing, I have now established the practice of calling up children who were immunised in infancy for a further dose after about five years, and the response has been very good.

The usual table of analysis according to the year of birth has been suspended. Returns have been compiled for the Ministry of Health, giving the numbers of children under 5 years of age and those between 5 and 15 years resident in the Borough who have completed the course. Over and above this, a considerable number of children from the periphery of Derby who attend Derby schools or Child Welfare Centres have been immunised and the figures have been returned, in the case of Shardlow Rural District, for inclusion in their report.

**In round figures,** based on an estimate of the resident child population **at the end of 1940, 50% of all children between 5 and 15, and 20% of children under 5 years of age, have been immunised,** and these figures will be considerably improved after those in course of immunisation have been completed.

#### Clinics, 1941.

These were held at the Central Office, at six Maternity and Child Welfare Centres, and at various Elementary Schools, etc., by appointment.

Number of Sessions ...	...	...	...	...	...	358
First attendance of case ...	...	...	...	...	...	4,408
Total number of attendances ...	...	...	...	...	...	11,180
Average attendance per session ...	...	...	...	...	...	31



**Enteric Fever.**—No case of true Typhoid Fever was notified.

Para-typhoid B. infection occurred in many parts of the country; six cases were notified, the diagnosis being confirmed in five. None were associated, and no clear evidence as to source of infection was obtained, but one was probably infected in Blackpool at a time when the disease was prevalent in Lancashire; and in two others cream-filled cakes were suspected, in association with an outbreak in the Midlands. One service case, the source of infection not ascertainable, had apparently missed his course of T.A.B.

**Cerebro-Spinal Meningitis.**—This disease remained mildly epidemic throughout the country, but the number of local cases was greatly reduced, and the demand for Hospital accommodation for strangers and service cases diminished considerably.

48 cases were notified. There were six deaths, four being very young children.

**Poliomyelitis.**—One case was notified, but the child had just suffered from Measles, and the diagnosis was not confirmed.

**Measles.**—The 1940 epidemic continued throughout the winter, and ceased in June.

**Rubella.**—Following the epidemic of 1940 the general immunity is now very high, and a few cases only occurred amongst service personnel in the late spring.

**Whooping Cough.**—The figures for the preceding year were doubled—912 (453)—and the disease continued to be prevalent from the preceding winter, until the end of October.

The disease proved fatal in 12 cases of young children, who succumbed to the usual complication, Broncho-Pneumonia.

**Dysentery.**—There has been a considerable increase throughout the country. No cases have occurred amongst the general population, any suspected proved to be due to doubtful food poisoning.

In November an outbreak of dysentery was reported from a local Mental Hospital, confined to the male patients. This commenced in October, the infecting types being Flexner YZ; there had been no recent transfers from other Hospitals. A patient who died and came to P.M. may have been the primary case. Isolation was carried out at the Hospital. In December the same infection was reported amongst female patients. In all, 44 cases were notified.

**Food Poisoning.**—One episode was reported for investigation, in which two adults partook of tinned salmon taken from their reserve. The onset was acute, suggesting preformed toxins, and the remains of the meal, which had been kept in the warm kitchen, were later examined for cause of infection. No organisms of salmonella, enteric or dysentery groups were found, but **Staphylococcus Pyogenes Aureus** was isolated on culture.

It was impossible to ascertain from which shop and at what date this particular tin had been purchased. Other tins of food seemed to be sound, but were stored in a rather warm cupboard.

**Diarrhoea** (children under 2 years).—Gastro-enteritis as a cause of death showed an increase. The certificates were generally signed at the Children's Hospital. There is no epidemic diarrhoea in Derby. Four cases only occurred during the summer.

The evidence of intestinal infection or toxæmia was scanty, and repeatedly quite negative. Investigation by competent Health Visitors revealed that eight had **no** diarrhoea at home, three were certified as Broncho-pneumonia with Gastro-enteritis, one of whom was a breast-fed infant; the use of the "dummy" is far less common, and in many was not admitted; one child reported as "convulsions and enteritis" was really the onset of measles, others being infected in the home, and the rash appeared after death.

The frequent use of **Gastro-enteritis** in death certificates, where the evidence of intestinal infection is not clear, is greatly to be deprecated, and recent figures of deaths under this rubric do not possess much value.

## OPHTHALMIA NEONATORUM.

Cases notified ... .. 16

9 of the cases were males and 7 females.

<i>Cases.</i>			<i>Vision unim- paired.</i>	<i>Vision im- paired.</i>	<i>Total Blind- ness.</i>	<i>Deaths.</i>
<i>Notified.</i>	<i>Treated.</i>					
	<i>At Home.</i>	<i>In Boro' Hospitals.</i>				
16	4	†12	16	—	—	—

† In-patients of City Hospital (7). Nightingale Nursing Home (3). Derbyshire Royal Infirmary (2).

The number of cases notified was the same as in 1940.

## CANCER.

The recorded deaths from various types of malignant disease show a decrease in number as compared with 1940, viz.:—202 (227).

The table shows the deaths by age distribution:—

Age	25-44 years.		45-64 years.		65-74 years.		75 years & upwards.		All Ages.		
Sex	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Both Sexes.
Deaths from Cancer ...	*6	7	36	43	53	24	18	15	113	89	202

\* Includes 1 aged 19 years.



# VENEREAL DISEASES.

FORM V.D. (R). (Revised).

RETURN relating to all persons who were treated at the Treatment Centre at Royal Infirmary, Derby, during the year ended 31st December, 1941.

	Syphilis		Soft Chancre		Gonorrhoea		Non-Venereal or undiagnosed Conditions.		TOTAL.		TOTALS.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1 Number of cases on 1st January under treatment or observation ...	136	147	—	—	103	55	104	46	343	248	591
2 Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection ...	1	2	—	—	—	—	—	—	1	2	3
3 Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from:—											
Syphilis, primary ...	8	5	—	—	—	—	—	—	8	5	13
„ secondary ...	10	10	—	—	—	—	—	—	10	10	20
„ latent in 1st year of infection* ...	5	4	—	—	—	—	—	—	5	4	9
„ all later stages ...	21	14	—	—	—	—	—	—	21	14	35
„ congenital ...	4	—	—	—	—	—	—	—	4	—	4
Soft Chancre ...	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea—											
1st year of infection ...	—	—	—	—	136	39	—	—	136	39	175
later... ...	—	—	—	—	4	1	—	—	4	1	5
Non-Venereal conditions ...	—	—	—	—	—	—	212	71	212	71	283
4 Number of cases dealt with for the first time during the year under report known to have received treatment for the same infection, or to have been under observation, at other Centres...	64	1	—	—	163	9	—	—	227	10	237
TOTALS OF ITEMS 1, 2, 3 AND 4...	249	183	—	—	406	104	316	117	971	404	1375
5 Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal ...	12	3	—	—	76	20	221	58	309	81	390
6 Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from:—											
Syphilis, primary...	12	—	—	—	—	—	—	—	12	—	12
„ secondary ...	12	11	—	—	—	—	—	—	12	11	23
„ latent in 1st year of infection* ...	4	1	—	—	—	—	—	—	4	1	5
„ all later stages ...	13	7	—	—	—	—	—	—	13	7	20
„ congenital ...	6	10	—	—	—	—	—	—	6	10	16
Soft Chancre ...	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea—											
1st year of infection ...	—	—	—	—	73	19	—	—	73	19	92
later ...	—	—	—	—	3	1	—	—	3	1	4
7 Number of cases which ceased to attend after completion of treatment, but before final tests of cure ...	5	6	—	—	119	—	—	—	124	6	130
8 Number of cases transferred to other centres or to institutions, or to care of private practitioners...	20	7	—	—	26	5	—	—	46	12	58
9 Number of cases remaining under treatment or observation on 31st December ...	165	138	—	—	109	59	95	59	369	256	625
TOTALS OF ITEMS 5, 6, 7, 8 AND 9 (These totals should agree with those of Items 1, 2, 3 and 4)	249	183	—	—	406	104	316	117	971	404	1375



## FORM V.D. (R).—continued.

	Syphilis.		Soft Chancre.		Gonorrhœa		Non-Venereal or undiagn'd Conditions.		TOTAL.		TOTALS.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
10 Number of attendances :—											
(a) for individual attention of the Medical Officers ... ..	2770	1849	—	—	2229	487	744	255	5743	2591	8334
(b) for intermediate treatment, e.g., irrigation, dressing ...	159	—	—	—	2434	1360	374	—	2967	1360	4327
TOTAL ATTENDANCES ...	2929	1849	—	—	4663	1847	1118	255	8710	3951	12661
11 In-patients :—											
(a) Total number of persons admitted for treatment during the year ... ..	3	5	—	—	14	10	4	5	21	20	41
(b) Aggregate number of "in-patient days" of treatment given ... ..	35	100	—	—	137	235	78	67	250	402	652
	Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		Totals.		
12 Number of cases of congenital syphilis in Item 3 above classified according to age periods ... ..	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
	—	—	—	—	2	—	2	—	4	—	

## 13 Pathological Work :—

Number of specimens examined at, and by  
the medical officer of, the treatment centre ...

Microscopical		Others for diagnosis of Venereal Disease
for Syphi- lis	for Gonor- rhœa	

49	1540	—
----	------	---

Statement showing the services rendered at the Treatment Centre during the year, classified according to the areas in which the patients resided.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	Derby Borough.	Derby County.	Staffs. County.	Leicester County.	Notts. County.	Burton-on-Trent.	TOTAL.
A. Number of cases from each area included under the following headings in Item 3 :—							
Syphilis ... ..	40	38	3	—	—	—	81
Soft Chancre ... ..	—	—	—	—	—	—	—
Gonorrhœa ... ..	115	60	3	2	—	—	180
Non-Venereal and undiagnosed conditions ...	130	140	—	13	—	—	283
TOTAL ... ..	285	238	6	15	—	—	544
B. Total number of attendances of all patients residing in each area	7340	4960	137	178	5	41	12661

\*"Syphilis latent in first year of infection," applies to cases presenting no clinical sign of syphilis but discovered (by blood test, etc.) to have contracted this disease within the preceding 12 months.

9th February, 1942.

(Signed) H. R. MORGAN RICHARDS,  
Medical Officer of the Treatment Centre.

## V—TUBERCULOSIS.

The notifications of pulmonary tuberculosis show an increase of 2 and the notifications of non-pulmonary tuberculosis an increase of 5.

The deaths show a total increase of two, the deaths from pulmonary tuberculosis being seven more and the non-pulmonary deaths five fewer than in the previous year.

### Notifications :—

		1941.	Comparison with 1940.
Pulmonary Tuberculosis	...	132	130
Non pulmonary Tuberculosis		33	28
Total	... ..	<hr/> 165 <hr/>	<hr/> 158 <hr/>

### Deaths :—

		1941.	Comparison with 1940.
Pulmonary	... ..	86	79
Non-pulmonary	... ..	12	17
Total	... ..	<hr/> 98 <hr/>	<hr/> 96 <hr/>

Of the deaths from pulmonary tuberculosis, 15.1% occurred previous to notification. 75% of the deaths of the non-pulmonary tuberculosis cases (9 of the total 12) occurred previous to notification. 65.1% of the deaths from pulmonary tuberculosis occurred within two years of notification (including those not notified previous to death).

**X-Ray Work.**— This continued to be very heavy, the number of screenings made and films taken being 945.

### Tuberculosis Clinic :—

Number of Clinics held	... ..	240
Total number of Attendances	... ..	3,382
Number of new Patients examined	... ..	550
Number of Contacts examined	... ..	209
Number of Contacts re-examined	... ..	91

Sixteen of the contacts were found to be suffering from active tuberculosis.

**School Children.**—The number of school children examined (175) includes observation cases and contacts.

Number of school children notified in 1941	... ..	6
Pulmonary Tuberculosis	... ..	0
Other forms of Tuberculosis	... ..	6

### Borough Sanatorium :—

Number of patients admitted	... ..	94
"          "          discharged	... ..	69
"          "          died	... ..	32

The average stay of the patients discharged was 96.7 days, and for the patients who died 140.3 days.

**TUBERCULOSIS.**

Form T. 137 (Revised).  
1939

**PUBLIC HEALTH (Tuberculosis) REGULATIONS, 1930.**

**Tuberculosis Notifications—1st January, 1941, to 31st December, 1941.**

FORMAL NOTIFICATIONS.														
Primary Notifications														
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and up- w'ds.	Total		
												Notifi- cations (including cases previously notified)		
Pulmonary, Males ...	...	...	...	...	8	11	17	20	13	8	1	78	84	
Females ...	...	...	...	...	5	12	15	4	2	1	...	39	42	
Non-Pulm. Males ...	...	...	1	1	2	...	2	1	1	...	...	8	10	
Females ...	...	3	2	3	1	3	1	1	...	...	...	14	15	

**Part II.**

**Supplemental Return** shewing new cases of Tuberculosis discovered otherwise than by formal notification, for above-named period :—

Sources of Information of "Supplemental Return" Cases.														
Number of Cases.														
Death Returns—														
Local ...														
Reg. Gnl. ...														
Inward Transfers														
Other Sources (Posthumous)...														
Pulmonary														
Non-Pulmonary														
Pulmonary, Males ...	...	...	...	...	...	...	...	...	...	...	...	13	9	
Females ...	...	...	...	...	...	...	...	...	...	...	...	1	—	
Non-Pulm. Males ...	...	2	...	...	...	...	...	...	...	...	...	1	—	
Females ...	1	1	...	...	...	...	...	...	...	...	...	1	2	

**PUBLIC HEALTH (PREVENTION OF TUBERCULOSIS) REGULATIONS, 1925.**

No action was taken during 1941 under the above Regulations relating to Tuberculous Employees in the Milk Trade.

**PUBLIC HEALTH ACT, 1936, SECTION 172.**

No action was taken during 1941 under this Section of the Act, (relating to the compulsory removal to hospital of persons suffering from tuberculosis).



## VI—HOSPITALS.

## BOROUGH ISOLATION HOSPITAL.

## GENERAL STATISTICS.

	<i>Scarlet Fever.</i>	<i>Diph- theria.</i>	<i>Measles &amp; Rubella.</i>	<i>Whooping Cough.</i>	<i>Other Diseases.</i>	<i>Totals</i>
Remaining under treat- ment, Dec. 31st, 1940	18	55	16	6	26	121
Admitted during 1941 ...	169	280	119	86	579	1,233
Discharged during 1941 ...	173	303	135	81	565	1,257
Died during 1941 ...	—	10	—	10	19	39
Remaining under treat- ment on Dec. 31st, 1941	14	22	—	1	21	58

## OTHER CASES.

	<i>Remaining in Hosp. 31/12/40</i>	<i>Admitted.</i>	<i>Discharged.</i>	<i>Died.</i>	<i>Remain- ing 31/12/41</i>
Enteric Fever ...	—	35	33	2	—
Cerebro-Spinal Fever ...	6	76	74	8	—
Acute Poliomyelitis ...	—	2	2	—	—
Erysipelas ...	2	22	21	2	1
Pneumonia ...	—	1	1	—	—
Dysentery ...	—	2	2	—	—
Chicken Pox ...	1	22	21	—	2
Mumps ...	—	43	38	—	5
Scabies ...	—	21	21	—	—
Quinsey ...	—	4	3	—	1
Vincent's Angina ...	—	58	54	1	3
Tonsillitis ...	10	80	89	—	1
Pharyngitis ...	—	14	14	—	—
Laryngitis ...	—	2	2	—	—
Pemphigus ...	—	5	3	1	1
Jaundice ...	—	1	1	—	—
Observation ...	—	16	16	—	—
„ Scarlet Fever ...	—	16	15	—	1
„ Diphtheria ...	2	38	35	1	4
„ Enteric Fever ...	—	11	10	—	1
„ Cerebro-Spinal Fever ...	1	52	49	3	1
„ Erysipelas ...	—	2	2	—	—
„ Measles ...	1	4	5	—	—
„ Rubella ...	—	4	4	—	—
„ Pneumonia... ...	—	1	1	—	—
„ Dysentery ...	—	4	4	—	—
„ Whooping Cough ...	—	4	4	—	—
„ Chicken Pox ...	—	1	1	—	—
„ Mumps ...	—	3	3	—	—
Diphtheria Carrier ...	1	14	15	—	—
Various* ...	2	21	22	1	—
	26	579	565	19	21

\* Includes all diseases marked \* on table overleaf.

## B.I.H. Admissions, etc., 1941. Divided into Civilian and Service

DISEASE.	TOTAL.	BOROUGH.							
		CIVILIAN.					SER		
		REM.					31/12/40		
		31/12/40	AD.	DIS.	DEAD	REM. 31/12/41	31/12/40	AD.	DIS.
Scarlet Fever .. .. .	18	16	128	132	..	12	1	6	6
Diphtheria .. .. .	55	53	257	279	10	21	..	7	7
Enteric Fever .. .. .	..	..	3	3	..	..	..	1	1
Cerebro-Spinal Fever .. .. .	6	2	28	27	3	..	..	3	3
Acute Poliomyelitis .. .. .	..	..	..	..	..	..	..	..	..
Erysipelas .. .. .	2	..	18	15	2	1	..	2	2
Measles and Rubella .. .. .	16	14	52	66	..	..	..	17	17
Pneumonia .. .. .	..	..	1	1	..	..	..	..	..
Dysentery .. .. .	..	..	..	..	..	..	..	1	1
Whooping Cough .. .. .	6	6	86	81	10	1	..	..	..
Chicken Pox .. .. .	1	..	12	11	..	1	1	5	6
Observation .. .. .	..	..	4	4	..	..	..	3	3
"  Scarlet Fever .. .. .	..	..	7	7	..	..	..	1	1
"  Diphtheria .. .. .	2	2	26	23	1	4	..	6	6
"  Enteric Fever .. .. .	..	..	6	5	..	1	..	1	1
"  C.S. Fever .. .. .	1	1	18	16	3	..	..	1	1
"  Erysipelas .. .. .	..	..	..	..	..	..	..	..	..
"  Measles .. .. .	1	..	1	1	..	..	..	1	1
"  Rubella .. .. .	..	..	..	..	..	..	..	1	1
"  Pneumonia .. .. .	..	..	..	..	..	..	..	..	..
"  Dysentery .. .. .	..	..	4	4	..	..	..	..	..
"  Whooping Cough .. .. .	..	..	2	2	..	..	..	..	..
"  Chicken Pox .. .. .	..	..	..	..	..	..	..	..	..
"  Mumps .. .. .	..	..	..	..	..	..	..	2	2
Pneumococcal Meningitis .. .. .	* 1	1	..	..	1	..	..	..	..
Influenza .. .. .	*	..	..	..	..	..	..	1	1
Vincent's Angina .. .. .	..	..	2	1	1	..	..	10	10
Tonsillitis .. .. .	10	..	5	5	..	..	8	33	40
Pharyngitis .. .. .	..	..	..	..	..	..	..	6	6
Laryngitis .. .. .	..	..	..	..	..	..	..	1	1
Quinsey .. .. .	..	..	..	..	..	..	..	1	1
Mumps .. .. .	..	..	6	6	..	..	..	21	17
Scabies .. .. .	..	..	13	13	..	..	..	..	..
Pemphigus .. .. .	..	..	5	3	1	1	..	..	..
Jaundice .. .. .	..	..	1	1	..	..	..	..	..
Enteritis .. .. .	*	..	1	1	..	..	..	..	..
Impetigo .. .. .	*	..	7	7	..	..	..	1	1
Cellulitis .. .. .	*	..	..	..	..	..	..	..	..
Adinitis .. .. .	*	..	..	..	..	..	..	1	1
Frontal Sinusitis .. .. .	*	..	..	..	..	..	..	..	..
Measles Contact .. .. .	*	..	3	3	..	..	..	..	..
Vaccina .. .. .	*	1	..	..	..	..	1	..	1
Diphtheria Carrier .. .. .	1	..	6	6	..	..	..	..	..
TOTALS .. .. .	121	95	702	723	32	42	11	133	138

\*—Included in Other Cases (Various) in previous Table.

## Patients, Borough and Non-Borough.

		NON-BOROUGH.										TOTAL.
VICE.		CIVILIAN.						SERVICE.				REM.
DEAD	REM. 31/12/41	REM. 31/12/40	AD.	DIS.	DEAD	REM. 31/12/41	REM. 31/12/40	AD.	DIS.	DEAD	REM. 31/12/41	31/12/41
..	1	..	11	11	..	..	1	24	24	..	1	14
..	..	1	14	14	..	1	1	2	3	..	..	22
..	..	..	29	28	1	..	..	2	1	1	..	..
..	..	3	30	29	4	..	1	15	15	1	..	..
..	..	..	1	1	..	..	..	1	1	..	..	..
..	..	..	..	..	..	..	2	2	4	..	..	1
..	..	..	2	2	..	..	2	48	50	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	1	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	1	1	..	..	..	4	3	..	1	2
..	..	..	5	5	..	..	..	4	4	..	..	..
..	..	..	1	..	..	1	..	7	7	..	..	1
..	..	..	..	..	..	..	..	6	6	..	..	4
..	..	..	2	2	..	..	..	2	2	..	..	1
..	..	..	4	3	..	1	..	29	29	..	..	1
..	..	..	..	..	..	..	..	2	2	..	..	..
..	..	..	..	..	..	..	1	2	3	..	..	..
..	..	..	..	..	..	..	..	3	3	..	..	..
..	..	..	..	..	..	..	..	1	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	2	2	..	..	..
..	..	..	..	..	..	..	..	1	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	2	2	..	..	..
..	1	..	..	..	..	..	2	46	43	..	3	3
..	..	..	..	..	..	..	..	42	44	..	..	1
..	..	..	..	..	..	..	..	8	8	..	..	..
..	..	..	..	..	..	..	..	1	1	..	..	..
..	..	..	..	..	..	..	..	3	2	..	1	1
..	4	..	..	..	..	..	..	16	15	..	1	5
..	..	..	..	..	..	..	..	8	8	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	1	1	..	..	..
..	..	..	..	..	..	..	..	1	1	..	..	..
..	..	..	..	..	..	..	..	1	1	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	2	2	..	..	..
..	..	..	6	6	..	..	1	2	3	..	..	..
..	6	4	106	102	5	3	11	292	294	2	7	58



**SANATORIUM.**—94 patients were admitted during 1941.

**NURSING STAFF.**

*Examination Results.*

*Passed.*

Preliminary Examination	...	10
Final Examination	...	9

**Isolation Hospital Provisioning, 1941.**

1941.	Days in Hospital (Patients).	Average Patients per day.	Cost of Provisioning.			Average Cost per Patient per day.*	
			£	s.	d.	s.	d.
1st Quarter	9,629	106.99	1,039	3	3	2	1.90
2nd „	8,392	92.22	886	13	3	2	1.36
3rd „	7,858	85.41	993	18	8	2	6.36
4th „	6,501	70.66	830	10	7	2	6.66
Totals 1941	32,380	88.71	3,750	5	9	2	3.79
Totals for 1940	32,457	85.95	4,117	13	0	2	6.44

\* This includes cost of provisioning staff.

**Tuberculosis Sanatorium Provisioning, 1941.**

1941.	Days in Sanatorium (Patients).	Average Patients per day.	Cost of Provisioning.			Average Cost per Patient per day.*	
			£	s.	d.	s.	d.
1st Quarter	3,164	35.15	346	7	9	2	2.27
2nd „	3,284	36.09	295	11	1	1	9.60
3rd „	2,956	32.13	331	6	3	2	2.89
4th „	2,475	26.90	276	16	11	2	2.84
Totals 1941	11,879	32.54	1,250	2	0	2	1.26
Totals for 1940	13,258	36.22	1,626	6	5	2	5.44

\* This includes cost of provisioning staff.

**CITY HOSPITAL, DERBY.**

A General Hospital maintained under the Local Government or Public Health Acts.

**Staffing.**

Medical Superintendent: R. G. COOKE, M.D., CH.B., M.R.C.S., L.R.C.P.,  
D.R.C.O.G.

Resident: Whole-time.

Number of other Medical Staff: 34.

Number of Visiting Staff: 15.

## Specialised Services Supplied :—

Consulting Physician, Surgeons, Ear, Nose and Throat Surgeon,  
Ophthalmic Surgeon, Orthopaedic Surgeon, Neurological Surgeon,  
Radiologist, Gynaecologist, Anaesthetist, Pathologist, Dental Surgeon.

## Number of—

- (a) Trained Nurses : 42 (including Matron, Assistant Matron and Sister Tutor).
- (b) Probationer Nurses : 66, and 15 Midwifery Pupils.
- (c) Assistant Nurses : 16 Sub-Probationers (non-resident).
- (d) Male Attendants : 5 Porters, 1 Barber, 1 Ambulance Driver, 1 Ambulance Attendant.

**Statistics for the Year ending 31/12/41.**

	1941.	1940.
Total Number of Admissions ...	3,667	3,885
Number of Maternity Cases ...	797	671
„ Ante-Natal Attendances	4,910	4,144
„ Maternal Deaths ...	5 (1 unbooked)	2 (unbooked).
„ Operations ...	1,380	1,012
„ Treatments in Massage Dept. ...	11,614	12,879
„ X-Ray Examinations...	1,543	1,562
„ Pathological Examinations ...	7,753	6,933
„ Dental Cases ...	1,571	1,166
„ Out-patient Attendances (excluding Ante-Natal)	4,222	3,188

**Nursing Examinations.**

17	Nurses passed Final State Examination.
11	„ „ Preliminary Examination.
24	„ „ C.M.B. Examination.

**VII—SANITARY CIRCUMSTANCES OF THE AREA.***TO THE MEDICAL OFFICER OF HEALTH**FOR THE COUNTY BOROUGH OF DERBY.*

It is my duty to submit to you my Annual Report on the Sanitary Circumstances of the Borough for the past year, 1941.

On the very definite instructions given me I have cut the report down to the absolute minimum, but should occasion require it the corroboration of any figures given or any details required will be at once available. It must be noted that practically all activities under the Housing Acts, Factory and Workshops Act have been abandoned. Further, regional slaughtering in the Borough having taken the place of only that for local demands, has necessitated the sole employment on this duty of two Inspectors.

Our activities were lessened by the loss of Inspectors and particularly specialised clerical staff now with H.M. Forces, and extra other duties added through A.R.P. not accounted for to the Public Health Committee.

**WATER SUPPLY.**

The staff during the year took 22 samples of the Corporation supply of water—10 from taps over sinks and four from the Water Works at Breadsall, all of which were satisfactory except one from a tap.

One sample from a well was found to be unfit for drinking purposes.

MR. T. B. FARRINGTON, Water Engineer, reports as follows :—

“No work in connection with leading mains or extensions to mains for building operations has been carried out during the year. The supply of water has been satisfactory, both in quality and quantity.”

### Supply.

Number of gallons of water supplied to Derby from Public Supply (Derby Water Area, which includes Borough and various Parishes outside) ... ..								2,833,295,000
Gallons per day per head of population ... ..								37.76
Percentage of total quantity from the Derwent Valley Supply ...								46%

### Used during the year.

								<i>Gallons.</i>
Sewer Flushing ... ..								1,797,180
Street Watering ... ..								645,682
Steam Rolling ... ..								75,889

### SEWERAGE.

The following information is supplied by Mr. E. H. Bennett, Borough Surveyor :—

### Sewers cleaned out during the year.

The total length of sewers cleaned out represents about 1,413 yards.  
Total loads of silt—75.

Manholes cleaned out during the year	...	...	...	...	...	...	...	302
--------------------------------------	-----	-----	-----	-----	-----	-----	-----	-----

### New Sewers laid during the year.

Stores Road	...	...	...	...	...	...	92 feet (S.W.).
Litchurch	...	...	...	...	...	...	24 „ (S.W.).
Rosamond's Ride	...	...	...	...	...	...	22 „ (S.W.).
							<hr/>
							138 „
							<hr/>

### Manholes Constructed during the year.

Fox Street	...	...	...	...	...	...	...	1
Rosamond's Ride	...	...	...	...	...	...	...	1
Alvaston Fields	...	...	...	...	...	...	...	2
								<hr/>
								4
								<hr/>

Since June work has been commenced on the construction of the storm water overflow in Nightingale Road from the entrance to Messrs. Rolls-Royce Works to the Osmaston Road. This extension is designed to pick up the surcharge from the sewers in the Nightingale Road area with the storm overflows at the junction of Nightingale Road with Hawthorn Street and Osmaston Road, and will alleviate flooding in this area.

### REFUSE COLLECTION AND DISPOSAL.

Mr. A. Connor, Cleansing and Transport Superintendent, reports as follows :—

### Refuse Collection.

House and Trade refuse collected	...	...	...	31,132 tons.
Nightsoil	...	...	...	53 „
Trade refuse delivered direct by tradesmen	...	...	...	3,769 „
				<hr/>
				34,954 „
				<hr/>



**Refuse Disposal.**

Controlled Tipping—Alvaston Tip	...	...	...	11,840 tons.
—Other Tips	...	...	...	Nil.
Burned in the Destructors	...	...	...	23,114 „
				<hr/> 34,954 „ <hr/>

**Extracted from Refuse and Sold.**

Tins	...	...	...	1,014 tons	Bones	...	...	34 tons
Iron	...	...	...	215 „	Broken Glass	...	...	202 „
Waste Paper	...	...	...	843 „	Cinders	...	...	170 „
Rag	...	...	...	198 „	Milk Bottles	...	...	7 „

**Moveable Ashbins Provided.**

Housing Committee	...	...	...	...	...	...	...	568
Private Owners	...	...	...	...	...	...	...	350
								<hr/> 918 <hr/>
Number of Cats, Dogs, etc., disposed of	...	...	...	...	...	...	...	2,136

**Power Vehicles utilised for Cleansing Purposes.**

1. Collection of Refuse :—								
Petrol Motor	...	...	...	...	...	...	...	13
Horse Drawn	...	...	...	...	...	...	...	2
2. Street Cleansing and Watering :—								
Petrol Motor	...	...	...	...	...	...	...	2
Mechanical Gulley Emptiers	...	...	...	...	...	...	...	2
„ Sweepers (Lacre)	...	...	...	...	...	...	...	2

**RIVERS POLLUTION.**

Inspections are regularly made of our brook and river courses, and no serious pollution has taken place.

**CLOSET ACCOMMODATION.**

With the exception of a few trough closets and about 40 pail closets, and privy cesspools, the whole of the Borough is fitted with water closets.

**INSPECTIONS AND NOTICES.**

It is unnecessary to go into details further than this :—

856 Preliminary Notices were served to abate nuisances under the Public Health Act or Local Acts. Statutory Notices were served under the Public Health Act in 182 instances ; None under Section 9 of the Housing Act. During the year, 11,557 visits were made under the Public Health Act ; None under the Housing Act.

The number of nuisances abated were 2,186.

**MILK.**

The number of purveyors registered inside the Borough is 39, and those from outside the Borough, 51. Inspections of the herds and dairies in the Borough were regularly carried out, and veterinary inspections of our cattle are carried out each quarter.

### Examination of Milk for Tubercle Bacilli.

Number of samples taken	...	...	...	...	...	40
Number of samples found to contain tubercle bacilli	...	...	...	...	...	2
Number of infected animals	...	...	...	...	...	3

10 samples were taken for the Phosphates test, all of which were satisfactory. Regarding the Methylene Blue and Coliform tests, 42 samples were taken, 10 of which did not satisfy the Methylene Blue test, 11 did not the Coliform test, and 5 the Methylene Blue only. The number of samples that did satisfy both tests was 28.

### HOUSING.

As I have said, all the necessary returns have been made as required by the Ministry of Health, but I think it is essential that the following one be tabulated.

#### Extract from the Quarterly Progress Report to the Ministry.

POSITION AT 31ST DECEMBER, 1941.

Action taken under the Housing Act, 1930, and the corresponding Provisions in the Housing Act, 1936.

1.	Number of Dwelling-houses demolished.		Number of Persons displaced up to 31/12/39.	Number of Dwelling-houses made fit.
	Unfit Houses.	Other Houses.		
2.	3.	4.	5.	
PART A.				
Clearance Areas :—				
(i.) Land col. Pink ...	454	—	} 1725	—
(ii.) Land col. Grey ...	—	4		—
PART B.				
Improvement Areas.	—	—	—	—

PART C.—Insanitary houses not included in clearance areas or improvement areas.

NOTE.—The references relate to Sections of the Act of 1930. Details of action taken under the corresponding provisions in the Act of 1936, should be included.

(1) Number of dwelling houses demolished as a result of formal procedure under Section 19	...	...	...	...	...	809
(2) Number of dwelling houses demolished as a result of informal notices preliminary to formal procedure under Section 19	...	...	...	...	...	16
(3) Number of dwelling houses closed but not demolished as a result of undertakings (which have not been cancelled) by owners under Section 19 not to use the houses for human habitation	...	...	...	...	...	7
(4) Parts of buildings closed (Section 20)	...	...	...	...	...	13
(5) Number of persons displaced as a result of action :—						
Under (1) above	...	...	...	...	...	2,946
" (2) "	...	...	...	...	...	60
" (3) "	...	...	...	...	...	20
" (4) "	...	...	...	...	...	60
(6) Number of dwelling houses made fit :—						
(i.) as a result of formal notices under Sections 17—20	...	...	...	...	...	1,749
(ii.) as a result of informal notices preliminary to formal procedure under Sections 17 to 20	...	...	...	...	...	7,129

**Housing Act, 1936. Part IV.—Overcrowding.** As 1939 Report.

#### Fitness of Houses and Re-Conditioning.

The Housing Acts, in defining a house fit for human habitation, say that regard shall be had, amongst other things, " to the general standard of housing

accommodation in the district." For all future purposes, and to emphasise the "standard" that exists in this district, figures are appended. They are a summary of the main items reported year by year since 1920, when operations first began under repair sections of the Housing Acts, and are culled from Annual Reports since that date. They are as follows:—

Houses made fit in all respects (including all amenities—						
coppers, sinks, water on sinks, larders, and all repairs)	...	...	...	...	...	14,017
Entirely new sinks provided where none existed before	...	...	...	...	...	1,715
Old sinks replaced by new...	...	...	...	...	...	2,998
Houses dampcoursed	...	...	...	...	...	3,336
Roofs, floors, firegrates, stairs, walls, etc., repaired	...	...	...	...	...	52,498
Wash coppers provided where none existed before	...	...	...	...	...	1,179
Wash coppers repaired	...	...	...	...	...	1,584
Larders provided where none existed before	...	...	...	...	...	2,838
Water laid on inside houses	...	...	...	...	...	1,881

In addition to vast numbers of other repairs, and not including the enormous figures detailed as done under the Public Health Acts.

The report as contributed by the Estates and Building Director on Houses erected during the year 1941, January—December, shows no alteration from 1939 report.

There is an increasing demand for houses in the Borough, but restrictions on building prohibits any effective measures being taken to alleviate the position.

There would be difficulty now in obtaining sites, as all the land acquired for housing estates is being utilised for food production.

### ERADICATION OF BED BUGS.

Some 21 houses were disinfested by this Department and 19 notices were served on tenants and owners to get rid of these pests. Of the Council houses, 17 were found infested and cleared.

As you know, having now no chambers, I am unable to carry on the disinfestation of furniture, a matter I much regret for the sake of every living person in this town.

### MEAT INSPECTIONS.

A Regional Scheme of the Ministry of Food under the Livestock (Restriction on Slaughtering) Order is centred at the Abattoir Premises of the Corporation and the Derby Co-operative Society. The Centre includes the County Borough of Derby, the Borough of Ilkeston, the Urban Districts of Alfreton, Belper, Heanor, Ripley, Wirksworth, the Rural Districts of Belper, Repton (North) and Shardlow. The position to-day is that all meat sold in these areas, whether fresh meat or frozen imported meat, passes through the establishments set up in the Borough by the Ministry of Food.



The duties of inspection, which have been carried out according to the standard laid down in Memo. 62/Foods, have occupied the whole-time services of the two meat inspectors provided by the Corporation.

Number of animals slaughtered :—Cattle 13,348, sheep 53,289, pigs 10,717, calves 7,555.

These figures include 1,361 cases of emergency slaughter.

	<i>Cattle.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
<i>All diseases except Tuberculosis.</i>				
Whole carcasses condemned ... ..	132	47	118	17
Carcasses of which some part or organ was condemned ... ..	1920	8	909	145
<i>Tuberculosis only.</i>				
Whole carcasses condemned ... ..	276	9	—	79
Carcasses of which some part or organ was condemned ... ..	3107	11	—	718

#### **Weights of Unsound Food Condemned.**

131 tons, 7 cwts. 34 lbs. meat (including offal) ; 475 rabbits ; 3 tons, 9 cwts. 27 lbs. of fish and shellfish ; 360 cans of food : 39 cwts. 30 lbs. fruit and vegetables ; 3 tons, 5 cwts. nuts ; 7 cwts., 50 lbs. cooked foods ; 76 confectionery ; 48 doz. fishcakes ; 262 jars pickles ; 75 lbs. butter ; 22 lbs. cheese ; 50 doz. pies : 373 score eggs ; 22 lbs. liquid eggs ; 58 poultry.

#### **TUBERCULOSIS ORDER, 1938.**

I am informed by the Chief Divisional Inspector of the Ministry of Agriculture and Fisheries that the following number of animals were dealt with in the Borough.

Two animals, taken from premises within the Borough as suspected, were reported by the owners with chronic cough and showing definite clinical signs of Tuberculosis. Post Mortem confirmed the suspicions in both cases.

45 animals were certified as suspected in the Cattle Market, 10 with Tuberculosis Emaciation and 28 with Chronic Cough, etc. Five were sent back to farms, eight to Knaecker's Yard, and 20 were sent for slaughter.

#### **FOOD-PREPARING PREMISES.**

Food-preparing Places on Register at end of year ... ..	210
Defects found and remedied ... ..	3

These inspections included restaurants, food stores, pork butchers, shops where food is cooked, and beef butchers' shops where the preparation and filling of sausages takes place. A general inspection of these premises has proved that a high standard of cleanliness is generally maintained.

Fried fish shops continue to show a marked improvement in all directions.

**ICE CREAM MANUFACTURERS AND DEALERS.**

Regular inspections of the premises and processes of manufacture were made, as also of retailers in the street.

On Register at end of year	...	...	...	...	...	...	114
Notices complied with	...	...	...	...	...	...	6

**BAKEHOUSES.**

Number of Bakehouses in occupation at end of year	...	...	...	...	...	...	42
Defects found during year	...	...	...	...	...	...	2
Defects remedied during year	...	...	...	...	...	...	2
Notices served	...	...	...	...	...	...	2

**REPORT OF BOROUGH ANALYST.**

The following is a summary of the report by the Borough Analyst (Mr. R. W. Sutton, B.Sc., F.I.C.) for the year 1941 :—

**Food and Drugs Act, 1938.**—During the year 174 samples were submitted under the above Act, consisting of 135 formal samples and 39 informal samples. This number represents samples at the rate of 1.22 per 1,000 population.

Of the samples submitted, 48 (27.6%) were classed as adulterated or below standard.

The percentage adulteration in the milk samples (25.6%) is considerably higher than last year, when a figure of 13.1% was returned. Of the 30 samples classed as adulterated, 26 were found to contain added water (three of these being also somewhat deficient in fat). The remaining four samples were deficient in fat.

In addition to the samples found to be adulterated, 17 samples (including five “appeal-to-cow” samples) were somewhat deficient in non-fatty solids but found to be genuine by the freezing point test. These may be classed as of inferior quality.

Appeal-to-cow samples were examined. Ten of these were taken on two separate visits to the same farm. On the first visit five samples were taken and on analysis three were found to contain added water. A second visit was paid and five further samples taken. These proved to be genuine.

The average composition of milks examined during the year is as follows :—

Non-fatty solids	...	...	...	8.56	per cent.
Fat	...	...	...	3.49	„ „
Total solids	...	...	...	12.05	„ „

**Other Samples.**—19 samples other than milk were classed as adulterated.

**Preservatives.**—All appropriate samples were examined for the presence of preservatives. Four samples of Sausages were found to contain preservatives without declaration. The remaining samples were found to conform with the Preservatives in Food Regulations.

**Fertilisers and Feeding Stuffs Act.**—17 samples of fertilisers and one sample of feeding stuff were submitted under the above Act during the the year.

**Miscellaneous.**—Twelve samples of pasteurised milk were examined by phosphatase test. All were classed as adequately pasteurised.

**FACTORIES ACT, 1937.**

The following are the Tables of action and work done.

**Inspections.**—Including inspections made by Sanitary Inspectors or Inspectors of Nuisances.

PREMISES.	NUMBER OF		
	INSPIC- TIONS.	WRITTEN NOTICES.	PROSE- CUTIONS.
Factories with mechanical power ... ..	104	23	Nil
Factories without mechanical power ... ..	—	—	—
Other premises under the Act (including works of building and engineering construction but not including outworkers' premises) ...	—	—	—
Total ... ..	104	23	Nil

**Defects Found.**

PARTICULARS.	NUMBER OF DEFECTS.			NUMBER OF PROSE- CUTIONS.
	FOUND.	REME- DIED.	RE- FERRED TO H.M. INSP.	
Want of cleanliness ... ..	8	8	...	...
Overcrowding ... ..	—	—	...	...
Unreasonable temperature ...	—	—	...	...
Inadequate ventilation ...	—	—	...	...
Ineffective drainage of floors...	1	—	...	...
Sanitary Conveniences	Insufficient ...	4	...	...
	Unsuitable or defective ...	14	...	...
	Not separate for sexes ...	—	...	...
Other offences ... .. (not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937).	3	3	...	...
Total ... ..	33	29	...	...



**Registered Factories.**

Factories with mechanical power	...	...	...	...	...	507
"    without    "    "	...	...	...	...	...	194
Bakehouses with mechanical power	...	...	...	...	...	28
"    without    "    "	...	...	...	...	...	22
Total						751

**RATS AND MICE (DESTRUCTION) ACT, 1919.**

Mr. F. C. BRIGHT, the Officer under this Act, reports that 452 visits have been paid.

**COMMON LODGING HOUSES.**

Number on Register	...	...	...	...	...	5
Number of Rooms registered for Sleeping	...	...	...	...	...	51
Number of Lodgers provided for	...	...	...	...	...	309
Notices and Cautions given in respect of Breaches of the Acts and Bye-laws	...	...	...	...	...	5

**HOUSES LET IN LODGINGS.**

Number on Register	...	...	...	...	...	12
These contain 60 rooms and have accommodation for 131 adults and 17 children.						
Notices and Cautions given to Landlords and Lodgers for various offences under the Bye-laws	...	...	...	...	...	3

**OFFENSIVE TRADES.**

On Register at beginning of year	...	...	...	...	...	21
On Register at end of year	...	...	...	...	...	21
Factories without mechanical power	...	...	...	...	12	
"    with    "    "	...	...	...	...	9	

**PROSECUTIONS DURING THE YEAR ENDED 31/12/41.**

<i>Defendant.</i>	<i>Offence.</i>	<i>Result.</i>
Edgar Brunt .. ..	Selling adulterated milk .. ..	Fine £5. Costs £4/4/- to pay.
John Thompson and Fred Bednall.	Selling milk deficient in fat ..	Fine 10/- and 20/-. Costs £7/7/- to pay.
William Faulkner ..	Selling adulterated milk .. ..	Fine £3 in each case. Costs £8/8/- to pay.
Reginald John Astle ..	Selling a food known as "sugar substitute" which was not of the nature, substance and quality demanded.	Fine £1. Costs £4/4/- to pay.
Cooper & Co. Stores Ltd.	Selling a food known as "Egg Powder" which was not of the nature, substance and quality demanded.	Fine £3. Costs £4/4/- to pay.
Harold Moorcroft ..	Using unlicensed premises as a slaughterhouse.	Fine £10.
	Failure to give notice of disease ..	Fine £20.
	Failure to give notice of slaughter..	Fine £10.
Richard Hanford ..	Nuisance. Section 94—Dirty house and choked drain.	Order made work to be completed in 14 days.

**WORKS EXECUTED BY THE DEPARTMENT.**

In 41 cases the works ordered on notices served, not having been carried out by the owners, were in default executed by this Department, and the costs duly entered in the bill book for collection by the Town Clerk.

**CONCLUSION.**

I again wish to thank you for the consistent aid you have given to me during this and so many previous years.

I am,

Yours obediently,

HARRY J. MORGAN,

*Chief Sanitary Inspector.*





